S
625.704
H3fe
Nov. 20, 1978

Montana State Library
3 0864 1006 6464 1

MONTANA HIGHWAY DEPARTMENT

STATE DOCUMENTS COLLECTION
NOV 29 1978
MONTANA STATE LIBRARY
1515 E. Lyndale Ave.
Helena, Montana 59601

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

NOVEMBER 20, 1978

MONTANA
DIVISION
CONSTRUCTION
SECTIONS
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved
H J Anderson, Director
Department of Highways
BRITISH COLUMBIA
DOMINION OF CANADA
ALBERTA
SASKATCHEWAN
NORTH DAKOTA
SOUTH DAKOTA
WYOMING
LINCOLN
FLATHEAD
GLACIER
TOOLE
LIBERTY
HILL
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
RICHLAND
PONDERA
BLAINE
CHOUTEAU
SANDERS
LAKE
TETON
LEWIS AND CLARK
CASCADE
FERGUS
PETROLEUM
GARFIELD
McCONE
DAWSON
MINERAL
MISSOULA
JUDITH BASIN
PRAIRIE
WIBAUX
POWELL
MEAGHER
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROSEBUD
GRANITE
BROADWATER
JEFFERSON
GALLATIN
SWEET GRASS
STILLWATER
YELLOWSTONE
TREASURE
CUSTER
FALLON
RAVALLI
DEER LODGE
SILVER BOW
PARK
BIG HORN
POWDER
CARTER
BEAVERHEAD
MADISON
CARBON
RIVER

MONTANA DEPARTMENT OF HIGHWAYS

MISSOULA, MONTANA

NOVEMBER 17, 1978

Montana Department of Highways
Helena, Montana 59601

Progress Report

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending November 17, 1978.

G E N E R A L

Skies have been mostly cloudy during the past period. Progress has been fair on the active projects.

P R E C O N S T R U C T I O N

F 6-1(5), Thompson Falls - East
Length - 10 Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

F 7-1(9), Darby - North & South
Length - 17 Miles
Work will be started when personnel are available.

Personnel Unassigned

FF 7-1(11), Florence - Lolo, Add 2 Lanes
Personnel on other projects.
No work on this design this period. Working on utilities. Design remains 29% complete.

Jim Smith, Designer III
Missoula, Montana
Phone 549-6491

F 197(8), Dixon - Ravalli
Length - 8.5 Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

RS 269-1(01), State Route 269, Stevensville
Length - 0.8 Miles
Minor work done on this project this past period. Design remains 38% complete. Personnel on other assignments.

Jim Smith, Designer III
Missoula, Montana
Phone 549-6491

M 8199(3), Russell
and 39th Intersection
Plan-In-Hand held on November 8, 1978. Changes were made and design sent to Helena for final checking on November 13, 1978.

Jim Smith, Designer III
Missoula, Montana
Phone 549-6491

C O N S T R U C T I O N

I 90-1(80)U-2, Lookout Pass- Saltese
Median Rail Removal
Contract Let - February 23, 1978
Amount of Contract - $139,660.40
Work Proceed Date - April 21, 1978
Work Started - June 7, 1978

R. Redding Construction Co., Inc.
Spokane, Washington, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 100 Working Days
Probable Completion Date - June 1979
Effective Opening Date - NA

Contractor has completed placement of concrete for all 7 median deck slabs. He is still heating @ Stas. 273 & 105. General cleanup is in progress. Construction layout is 90% complete; 123% of the contract time has elapsed; and the contract is 95% complete.

I 90-1(78)11, Saltese-DeBorgia
Length - 10.8 Miles
PMS, PCCP, & Related Items
Contract Let - April 28, 1977
Amount of Contract - $6,244,632.55
Work Proceed Date - May 24, 1977
Work Started - June 8, 1977

Peter Kiewit Sons' Company
Billings, Montana, Contractor
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460
Contract Time - 240 Working Days
Probable Completion Date - June 1979
Effective Opening Date - _____

Peter Kiewit Sons' Co. continues asphalt paving of ramps at DeBorgia and Haugan Interchanges on E.B. Lane. This work is nearly complete at present. All shoulder bevels and guard rail widened areas have been completed. Awaiting favorable weather conditions to stripe EB Lane and return traffic to a four lane facility for the winter. Western Sign, Sub-contractor has completed installing sleeves for rock fence Lt. W.B. Sta. 660 to 670 and has left the project. There is an 11 man engineering crew on hot plant and paving inspection duties. Construction layout is 85% complete; Major Items Plant Mix Bitum. Surf. is 96% complete; Portland Cement Pavement is 99% complete; contract is 90% complete and 72% of the contract time has elapsed.

I 90-1(77)22, U-4, Drexel East & West
Construction Dual 122.5 Ft. Concrete
Girder Overpass (Drexel Interchange)
Contract Let - June 27, 1977
Work Proceed Date - July 18, 1977
Work Started - July 18, 1977
Amount of Contract - $4-3,433.16

C.O.P. Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 150 Working Days
Completion Date - July 19, 1978
Effective Opening Date - _____

Final estimate will be submitted to the Division Office about November 24, 1978.

I 90-1(77)22, U-5, Drexel East & West
Two Concrete Girder Bridges
Contract Let - February 24, 1977
Amount of Contract - $1,102,551.98
Work Proceed Date - April 18, 1977
Work Started - April 29, 1977

McIntyre Construction Co. &
S. Birch, Inc.
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 200 Working Days
Probable Completion Date - May 1979
Effective Opening Date - _____

The proposed corrective work has been accomplished. The work has not been accepted as of this date.

I 90-1(77)22, U-6, Drexel - East & West
Length - 1.207 Miles
Construction of End Bents & Composite Steel and Concrete Girder Bridges
Contract Let - May 26, 1977
Amount of Contract - $1,242,649.35
Work Proceed Date - June 24, 1977
Work Started - July 26, 1977

McIntyre Construction & S. Birch, Inc.
Great Falls, Montana, Contractor
Larry Chezik, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 175 Working Days
Probable Completion Date - June 1979
Effective Opening Date - ___

Progress has been poor this past 11 days with McIntyre Const. Co., the prime contractor employing 15 to 20 men, 5 days per week 8 hours per day. Deb Wall Erectors, the sub contractor, employing 2 to 5 men and essentially completed the reinforcing steel item 11-3-78. Sta. 169+72- all concrete has been placed except the posts, deck grinding is in progress. Sta. 183+57 E.B. Deck slab and curb has been placed. W.B. Deck has been prepared to heat for concrete placement, three times to date, the wind has blown the plastic cover away, an attempt to place sections 1, in the pour sequence was aborted 11/14/78 because of frozen aggregate, very little heat to the slab area resulting from an 8 degree overnight temp. and not enough heat to the sand and aggregate bins. The project as a whole is 76% complete with 90% of the total contract time used. At the close of work 11-14-78 186 days of the total 175+4+27 (206) working days has been used.

I 90-1(77)22, U-7, Drexel - East & West
Length - 5.342 Miles
Grading, Agg. Surf. PMB & Sign
Contract Let - April 27, 1978
Amount of Contract - $7,478,434.20
Work Proceed Date - May 22, 1978
Work Started - May 22, 1978

Rehbein Contracting, Inc.
Plains, Montana, Contractor
James Cyr, Field Project Manager
St. Regis, Montana, Phone 649-2601
Contract Time - 300 Working Days
Probable Completion Date - Dec. 1979
Effective Opening Date- ____

The contractor has approximately 50 people working 2-8 hour shifts per day, 5 days per week, working on cut slopes and fill areas. Unclass. Exc. is approx. 55% complete, pipe installation is approx. 36% complete. The project is 42% complete with 37% of the contract time elapsed. One five man survey crew is working 5-8 hr. shifts per week.

I-IG 90-1(61)27, U-1, St. Regis - East & West
Length - 151 Ft. Prestressed Girder Bridge
376.03 Composite Steel and Concrete Girder Bridge over St. Regis River
Contract Let - March 31, 1977
Amount of Contract - $1,007,222.56
Work Proceed Date - April 26, 1977
Work Started - April 26, 1977

C.O.P. Construction Company
Billings, Montana, Contractor
George Koat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 250 Working Days
Completion Date - October 27, 1978
Effective Opening Date - _____

Work on the final estimate quantities is underway in the field office.

I-IG 90-1(6)27, U-2, St. Regis - East & West
Length - 212.5 Ft. Prestressed Concrete
Girder Bridge over St. Regis River and
78.0 Dual Separation Street
Contract Let - June 22, 1978
Amount of Contract - $633,002.62
Work Started - July 19, 1978
Work Proceed Date - July 14, 1978

Sletten Construction Company
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 160 Working Days
Probable Completion Time - Nov. 1979
Effective Opening Date - _____

Station 526+14.50-Contractor has finished placement of Class "AD" concrete for abutment #1 and is currently forming cap for abutment #3. Station 672+65.69-Working on forming abutment #1 E.B. Construction layout is 90% complete; 39% of the contract time has elapsed; and the contract as a whole is 36% complete.

I-IG 90-1(61)27, U-3, St. Regis - East & West
Structures & Detour
Dual 285 Ft. Prestressed Concrete
Girder Bridges

Personnel Unassigned

Project is scheduled for letting in December 1978.

I 90-1(59)35, U-1, St. Regis - East
Length - 3.6 Miles, GR-Agg. Surf.-PMB
Sign & Flasher Installation
Amount of Contract - $2,823,425.90
Work Proceed Date - April 18, 1977
Work Started - January 25, 1977

Washington Construction Company
Missoula, Montana, Contractor
James Williams, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time - 200 Working Days
Probable Completion Date - Dec. 1978
Effective Opening Date - Sept. 18, 1978

There has been no work on this project the past two weeks. The contractor's work is suspended because the changeable message sign has not arrived yet. There has been no progress the past two weeks. Construction layout is 99% complete; 87% of the contract time has elapsed; and the contract is 99% complete.

I 90-1(83)35, St. Regis - East
PCCP & Related Items
Contract Let - August 24, 1978
Amount of Contract - $1,661,621.92
Work Proceed Date - September 15, 1978
Work Started _____

Northwest Construction, Inc.
Kirkland, Washington, Contractor
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460
Contract Time - 150 Working Days
Probable Completion Date - Dec. 1979
Effective Opening Date -_____

Work has not started on this project to date. Engineering crew is assigned to another project at present. Contract is 0% complete with 20% of the contract time elapsed.

I-IG 90-1(67)64, U-1, Tarkio-East
867 Ft. Composite Steel &
Concrete Girder Bridge

Personnel Unassigned

Project is scheduled for letting in December 1978.

I 90-1(70)76, Alberton - East
I 90-2(51)78, U-1, Huson - West
Length - 6.0 Miles
Grading, Agg. Surf. P.M. Surf. Fencing
Amount of Contract - $2,796,608.96
Work Proceed Date - April 17, 1978
Work Started - February 21, 1978

Hilde Construction Company
Great Falls, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 180 Working Days
Probable Completion Date - May 1979
Effective Opening Date - _____

The crusher is producing 3" and 1½" gravel and placing it from station 280+ to 160+. The contractor placed the first and second lifts of plant mix from station 306+ to 336+ and the first lift from station 336+ to 375+ . The contractor is removing unclassified excavation from sta. 350+ to 373+ W.B. and placing embankment in the same area. The seeding contractor is seeding throughout the project. The detour at the east end of the project is presently being used by traffic. Excav.-Unclass. is 100% complete; Excav.-Unclass. Borrow 93%; Base Course 1½" Gr. 5 A 52%; Base Course 3" Gr. 2 A 100%; Plant Mix Surf. 23%. Construction layout is 80% complete; 78.4% of the contract time has elapsed; and the contract is 70% complete.

I 90-3(45)144, Safety Guardrail Upgrade
Bearmouth Canyon
Amount of Contract - $77,867.00
Work Proceed Date - August 28, 1978
Work Started - November 9, 1978

Western Sign Corporation
Great Falls, Montana, Contractor
Tom Oertli, Field Project Manager
Contract Time - 30 Working Days
Effective Opening Date - NA

Five men worked 3 days the past week removing bolts from the existing median rail but suspended operation until warmer weather. Construction layout is 100% complete;10% of the contract time has elapsed; and the contract is 5% complete.

FF 7-1(2)46, U-1, Hamilton - North
55 Ft. Concrete Girder Bridge &
Detour
Amount of Contract - #363,507.70
Work Proceed Date - April 16, 1979
Work Started _____

Frontier-West, Inc.
Missoula, Montana, Contractor
Allan Dutton, Field Project Manager
Lolo Hot Springs, Montana
Contract Time - 150 Working Days
Probable Completion Date -Nov. 1979

A preconstruction conference is scheduled for November 17, 1978. The contractor will advise of his plans at that time.

FF 7-2(4)90, U-1, Missoula
Furnishing Signal Material for
Intersection of Brooks & Reserve St.
Amount of Contract - $27,064.09
Contract Let - May 25, 1978
Work Started - October 23, 1978

Skinner Enterprises
Helena, Montana, Contractor
Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - October 31, 1978

There has been no change since the last report. 40% of the material is in storage at Missoula, and we have not received any word as to his probable completion. The contract is 40% complete and 100% of the contract time has elapsed.

F 41-1(4)20, Helmville
Plant Mix Paving
Length - 7.8 Miles

Personnel Unassigned

Project is scheduled for letting in December 1978.

F 71-1(2)0, West Broadway - Missoula
Length - 0.7 Mile
Grading, Agg. Surf., P.M. Surf
Seal, Cover & Signing

Personnel Unassigned

Project is scheduled for letting December 14, 1978.

F 93-1(1)0, U-2, Lolo Pass - Lolo
Length - 16.5 Miles
Plant Mix Overlay & Striping
Contract Let - June 22, 1978
Amount of Contract - $2,046,525.80

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Lolo Hot Springs, Montana
Contract Time - 120 Working Days
Effective Opening Date - NA

Crusher is producing 3/4" plant mix agg. Gr. B for stockpile, working one eight hour shift a day, 5 days a week. There are approximately 12 men on the construction crew. Western Sign has completed 20% of the guardrail installations. 5 man engineering crew are staking guard rail and delineators & marking road in preparation of striping. 60% of temp. stripe is completed; 90% of the construction layout is complete; 47% of the contract time has elapsed; and the contract is 60% complete.

RS-DP 224(14), U-2, Reserve Street
Length - 148 Ft. Concrete Girder Overpass
Over C.M. St. P. & P. Railroad Approaches
& Fencing
Amount of Contract - $360,910.77
Contract Awarded - May 2, 1977
Contract Let - April 28, 1977
Work Proceed Date - May 23, 1977
Work Started - July 6, 1977

General Construction Company
Butte, Montana, Contractor
Chuck Hegman, Field Project Manager
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 105 Working Days
Probable Completion Date - Nov. 1978
Effective Opening Date - _____

All work on this project, with the exception of repair of fence and seeding is 100% complete. 99% of the construction layout is complete; 91% of the contract time has elapsed; and the contract as a whole is 99% complete.

RS-DP 224(14), U-3, Reserve Street
Length - 33.14 Ft. Prestressed Concrete
Girder Bridge
Contract Let - October 27, 1977
Amount of Contract - $635,990.40
Work Proceed Date - April 17, 1978
Work Started - November 22, 1977

Sletten Construction Company
Great Falls, Montana, Contractor
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 200 Working Days
Completion Date - October 6, 1978
Effective Opening Date - _____

The engineering crew is engaged on other projects. The final estimate will be submitted to the Division Office about March 15, 1979.

RS-DP 224(14), U-4, Reserve Street
Length - 1.3 Miles
Grade, Agg. Surf. CTB, Concrete
Paving & Traffic Control
Contract Let - February 23, 1978
Amount of Contract - $1,569,222.20
Work Proceed Date - April 21, 1978

Peter Kiewit Sons' Company
Billings, Montana, Contractor
Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 140 Working Days
Probable Completion Date - June 1979
Effective Opening Date - _____

The contractor had a total of 40 men employed on the project up to Nov. 9, and to date has about 17 men. Plant Mix Bit. Surf. was placed from Sta. 140 to 174+50 up to Nov. 9. Riprap and embankment protectors is being placed at this time. During paving operations the State had a 5 man survey crew, 1 man on general inspection, 1- scaleman, 1- man on inspection at Hot Plant, 2 men testing aggregate, 1 roadman on tickets, 1- paving inspector, 1 man on density testing (P.M.S. & gravel), 1 man on road for gravel, 1 batchperson at conc. plant and 2 employees in office. At present time there are 3 employees in office, 1 man on general inspection and the balance of the personnel on survey crews staking embankment protectors and cross-sectioning the Wheeler gravel pit for remeasure. Embankment is about 98% complete; 3" C.B.C. is about 77% complete; 1½" C.B.C. is 100% complete; 3/4" C.T.S. is about 89% complete; and Pl. Mix. Bit. Surf. Gr. "B" is about 52% complete. Construction layout is 80% complete; 71% of the contract time has elapsed; and the contract as a whole is 66% complete.

RS 343(12) Avon - Helmville
Length - 5.1 Miles - G-Agg., Surf.-PMB Widen and Guardrail Revision
Contract Let - May 27, 1976
Amount of Contract - $1,168,747.12
Work Proceed Date - June 18, 1976
Work Started - July 7, 1976

Washington Construction Company
Missoula, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 150 Working Days
Completion Date - July 27, 1977
Effective Opening Date - NA

Final estimate has been returned to the field for additional work.

RRP 4139(55)
Pavement Markings on various R.R. Highway Crossings
Contract Let - May 25, 1978
Amount of Contract - $382,865.10

Pacemaker Industries, Inc.
Spokane, Washington, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Completion Date - October 27, 1978
Effective Opening Date - NA

Final estimate returned to the field for correction.

PMS 4140(52), U-8 & U-11, Lake, Sanders & Missoula Counties
Pavement Markings at various intersections
Contract Let - February 23, 1978
Amount of Contract - $239,586.51
Work Proceed Date - April 21, 1978
Work Started - July 11, 1978

Swanston Equipment Company
Fargo, North Dakota, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 90 Working Days
Probable Completion Date - June 1979
Effective Opening Date - NA

The contractor was shut down October 14, 1978 due to inclement weather. The contract as a whole remains 59% complete with 56% of the contract time elapsed. Construction layout is 75% complete with 3 engineers engaged.

M 8103(2), U-1, Securement of Equipment
Contract Let - March 30, 1978
Amount of Contract - $23,198.00
Work Started - July 31, 1978

Western Sign Corporation
Great Falls, Montana, Contractor
Tom Oertli, Field Project Manager
Contract Time - August 1, 1978

All of the material is here but one box that was lost in shipping. A tracer is in progress to find this package. The missing is two-five way traffic lites, Item 832 014 125. 95% of the contract is complete.

M 8103(2), U-2, South Ave. & Reserve St.
Traffic Signals & Lighting
Contract Let - September 28, 1978
Amount of Contract - $89,992.60
Work Proceed Date - October 25, 1978

Long Construction Company, Inc.
Missoula, Montana, Contractor
Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 40 Working Days
Completion Date - _____

The contractor has 75% of the Street Exc. complete, 50% of Base Course gravel. Has installed both of the French drains and has 2 of the curb forms set. Construction layout is 20% complete; 15% of the contract time has elapsed; and the contract as a whole is 15% complete.

M 8107(4), North Orange Street, Missoula
Length - 0.8 Miles, Lighting & Overhead Monitor.
Contract Let - August 25, 1976
Amount of Contract - $85,663.22
Work Proceed Date - September 20, 1976
Work Started - March 11, 1977

Midland Electric Company
Billings, Montana, Contractor
Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 60 Working Days
Completion Date - July 25, 1978
Effective Opening Date - NA

The contractor installed a new monitor unit this past week but the signals still won't work properly.

M 8199(6), U-1, CBD Signal Update
Replacing Signal Controllers
Project Let - February 23, 1978
Amount of Contract - $32,341.00

Allen Electric Company
Helena, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 15 Working Days
Probable Completion Date - Nov. 30, 1978
Effective Opening Date - NA

The contractor began work on November 6, 1978. Five of the seven planned controllers are installed and working at the intersections in Missoula. The contract as a whole is 64% complete. Construction layout is 100% complete. 40% of the contract time has elapsed.

SMP 2499-78, Maintenance Stockpiles
Award Date - March 31, 1978
Amount of Contract - $149,240.00
4 Crusher Setups in Missoula, Mineral Lake & Sanders Counties
Work Proceed Order - April 21, 1978
Work Started - June 28, 1978

Washington Construction Company
Missoula, Montana, Contractor
Dwight Lohn, Lab Supervisor
Missoula, Montana, Phone 549-6491
Contract Time - 65 Working Days
Completion Date - August 14, 1978
Effective Opening Date - NA

The final estimate was submitted to Helena on November 13, 1978.

Ben C. Miller

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM: WN: cdj

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

NOVEMBER 16, 1978

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction acitivities in area 1230 for the period ending November 17, 1978.

G E N E R A L

Progress has been mostly fair. Weather was mostly clear the first of the period and cold later. Day time temperatures ranged from 22° to 35° with night temperatures from 6° to 32°. Highways are in fair winter driving condition.

P R E - C O N S T R U C T I O N

HHS-1-1(02) Libby-Kalispell
Length - 2.8 Miles
Design Started - April 5, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

Authorization was received to make a location survey of and design the section of roadway between the two alignments of Lion Springs and Elk Hill. Survey work will begin when personnel are available, possibly in the fall after the construction season. Forty-eight man days have been used to date on design, which is approximately 7% complete.

HHS-1-2(4) 109 Kila-West
Fencing High Hazard Area
Length - 2.4 Miles
Survey Authorized - November 1, 1977
Work Not Started

Personnel Unassigned

This survey will be performed when personnel are available.

F-38-1(03) Columbia Falls East & West
RS 486-1(1) Nucleus Avenue
Length - 5.4 Miles
Design Started - Jan. 14, 1975

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - January 30, 1979

F-38-1(03)

There has been no work on design the past period. Final design will be completed after the storm drain design is received from the Hydraulics Unit. 360 man days have been used to date on design, which is approximately 70% complete. A four man survey crew worked three days this past period on right of way and centerline for the Right of Way Department.

RS-486-1(1)

Design will be completed after the storm drain plans are received from the Hydraulics Unit. 85 man days have been used to date on design, which is approximately 70% complete.

F-1-2(3)148 & LSF-1-257(5)
Coram-West Glacier Section
Length - 4.8 Miles
Scheduled for February 1979 Letting

Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502

On October 20, 1978 the U.S.F.S. received sealed bids for the stumpage on the right of way that the State had acquired from them. John Galloway was the high bidder and has worked two days on the clearing. A four member crew spent two days running levels this past period.

Utilities

Montana Power - No work this past period. Relocation remains 60% complete.
Northwestern Telephone Systems, Inc. - 100% complete.
Mountain States Telephone - 100% complete.
Flathead Electric Co-op - 90% complete. Completion contingent upon right of way settlement of two parcels.
Burlington Northern Railroad - 98% complete. Burlington Northern has not transposed the lines on each side of the project and it is not known at this time what their work schedule will be this fall.

F-1-2(3)142 & LSF-1-257(5)
Hungry Horse - Coram Section
Scheduled for March 1979 Letting

Gene Piedalue, Field Proj. Manager
West Glacier, Montana 59936
Phone: 888-5502

A four member crew spent two days getting additional topog on Parcel No. 93 in Coram for the Right of Way Department and four days were spent on center line this past period.

F-5-4(1) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design the past period. 157 man days have been used to date on design, which is approximately 18% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design this reporting period. Work will resume after design personnel have completed other assigned projects. The County Commissioners have indicated that they are going to review secondary priorities for Flathead County which may alter the status of the project. 82 man days have been used to date on design, which is approximately 12% complete.

F-5-2(03) Flathead County Line - South
Length - 7.5 Miles
Survey Authorized - July 5, 1977
Work Started - Sept. 19, 1977
Survey Suspended - April 14, 1978
Survey Resumed - October 2, 1978

Ray Munsinger, Field Proj. Manager
Kim's Trailer Ct., Rollins, MT 59931
Phone: 844-3931
Est. Comp. Date - Jan. 1, 1979

No work this past reporting period. Personnel assigned to other projects. Survey remains approximately 72% complete.

F-5-2(05) Elmo-Rollins
Length - 5.5 Miles
Survey Authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977

Ray Munsinger, Field Proj. Manager
Kim's Trailer Ct., Rollins, MT 59931
Phone: 844-3931
Est. Comp. Date - Pending

A three member survey crew spent three days the past reporting period on establishing center line control points. Field work is approximately 13% complete.

FH-1-2(1) Troy-Libby
Length - 17.1 Miles
Survey Authorized - May 25, 1977
Location Survey Started - Sept. 2, 1977

Jack Adamson, Field Proj. Manager
Troy, Montana 59935
Phone: 296-4741
Est. Comp. Date - April 1979

Progress has been fair. A five to six man survey crew has been working on cross sections from Sta. 490 to 522 and 457 to 470. A total of 1144 man days have been used making the location survey approximately 33% complete.

F-1-2(7)142 Flathead River Bridge
Length - 1.2 Miles
Survey Authorized - Sept. 27, 1978
Survey Started - Oct. 16, 1978

Ray Munsinger, Field Proj. Manager
Kim's Trailer Ct., Rollins, MT 59931
Phone: 844-3931
Prob. Comp. Date - Pending

No work this past reporting period. Personnel assigned to other projects. Survey reamins approximately 1% complete.

- - 206-1( )6 Half Moon-South
Length - 5.0 Miles
Scheduled for March 29, 1979 Letting

Gerald Roat, Field Proj. Manager
Kalispell, Montana 59901
Phone: 755-5006

Northwestern Telephone began their utility relocation November 1, 1978. After 1½ shifts it was determined by the company that a sustained operation could not be done due to the condemnation parcels which break up the project into small "piece meal" type of work. No other work is planned until spring when condemnations are settled and frost is gone so cable plowing can be accomplished.

RS-212-1(1) Charlo North & South
Length - 12.6 Miles - P.M. Overlay
Design Started - August 9, 1978
Design Completed - October 24, 1978

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Prob. Comp. Date - Nov. 30, 1978

Field work on gravel pit ties has been completed. Relcamation plans for the two proposed gravel sources remain to be done.

RS-325(2) Libby-Southeast
Length - 3.5 Miles
Survey Authorized - Dec. 6, 1974
Survey Started - Jan. 6, 1975
Survey Suspended - Jan. 17, 1975

Jack Adamson, Field Proj. Manager
Troy, Montana 59935
Phone: 295-4741
Est. Comp. Date - Pending

This survey will be resumed when personnel are available. It presently is approximately 3% complete.

M6701(1) Meridian Road
Between U.S. 2 and U.S. 93
Length - 1.2 Miles
Survey Authrorized - February 21, 1975

Personnel Unassigned

Work not started due to all personnel assigned to other projects.

M6799(3) Kalispell Urban System Signing
Length - N/A
Design Started - October 19, 1978

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Dec. 15, 1978

Two men are presently preparing plan sheets which will be reviewed with the City before a Plan-In-Hand. Design is approximately 50% complete.

C O N S T R U C T I O N

F000 B (1) Erosion Control
Kalispell Division
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $31,237.90
Proceed Order - April 5, 1978
Work Started - April 17, 1978

Lemm Landscaping
Lolo, Montana
Gene Piedalue, Field Proj. Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 25 Working Days
Project Completed - May 4, 1978
Effective Opening Date - N/A

One man spent four days on the final this past period. The final was submitted to the Division office on November 17, 1978. Final will be checked as time permits and should be forwarded to Helena about December 22, 1978.

HHS 000S (62) U.S. 93
No Passing Pennants
Length - 273 Miles (Incl. Msla. & Kal. Div.)
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $42,297.60
Proceed Order - August 28, 1978 (S.P. 4B)
Work Started - October 31, 1978

Western Sign Corp.
Great Falls, Montana 59403
Ray Munsinger, Field Proj. Manager
Kim's Trailer Ct., Rollins, MT 59931
Phone: 844-3931
Contract Time - 30 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

Progress has been fair. Contractor worked 6 - 9 hour shifts employing five men installing signs in Flathead and Lincoln counties. One state inspector assigned. Construction layout is approximately 92% complete. Contract as a whole is approximately 20% complete with 50% of contract time elapsed.

HHS-1-2(2)121 Kalispell East-Street
Lighting & Signal
Length - 1.5 Miles
Contract Let - May 26, 1977
Contract Awarded - May 31, 1977
Contract Amount - $179,990.10
Proceed Order - June 21, 1977
Work Started - August 22, 1977

Harp Line Const. Company
Kalispell, Montana 59901
Gerald Roat, Field Proj. Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Project Completed - July 20, 1978
Effective Opening Date - N/A

The project was completed and accepted on July 20, 1978 with 78% of the contract time elapsed. The final will be delayed somewhat as personnel are working on other construction projects but will be submitted to the division office about December 31, 1978.

HHS-5-2(1)91 Rollins North (Safety)
Guard Rail & Flashers
Length - 1,000 Feet
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $58,343.00
Proceed Order - August 28, 1978
Work Started - August 25, 1978

Sandon Construction Company
Kalispell, Montana 59901
Ray Munsinger, Field Proj. Manager
Kim's Trailer Ct., Rollins, MT 59931
Phone: 844-3931
Contract Time - 20 Working Days
Prob. Comp. Date - Dec. 15, 1978
Effective Opening Date - N/A

There has been no work by contractor during the last reporting period as he is still waiting for some of the flasher material. Construction layout is approximately 95% complete. Contract is approximately 80% complete with 35% of the contract time elapsed.

F-41-1(2)0 Avon to Mont.200 &
F-83-1(1)0 Clearwater Jct.-Bigfork Signing
Length - 123.6 Miles
Contract Let - June 23, 1978
Contract Awarded - June 23, 1978
Contract Amount - $55,805.88
Work Started - October 16, 1978

Northern Rockies Const. Co.
Great Falls, Montana 59401
Ray Munsinger, Field Proj. Manager
Kim's Trailer Ct., Rollins, MT 59931
Phone: 844-3931
Contract Time - 60 Working Days
Prob. Comp. Date - Dec. 15, 1978
Effective Opening Date - N/A

Progress has been poor. Contractor has worked 4 - 8 hour shifts, employing four men drilling and hand digging holes for sign poles from mile post number 0 to mile post number 32 on Project F83-1(1)0. One state inspector is assigned. Construction layout is approximately 90% complete. The contract as a whole is approximately 15% complete with 32% of contract time elapsed.

ERFO 72(2) U2; 3 Miles E. of West Glacier
Flood Damage Repair
Length - 0 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $110,830.00
Proceed Order - April 21, 1978
Work Started - April 18, 1978

Clark Brothers Contractors
Victor, Montana 59875
Gene Piedalue, Field Proj. Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 50 Working Days
Project Completed - June 15, 1978
Effective Opening Date - N/A

One man spent three days on the final this past period. The final was submitted to the division office on November 13, 1978. Final is presently being checked and should be forwarded to Helena about December 1, 1978.

F-83-2(1)65 Swan Lake North & South Overlay
Length - 12.6 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $1,014,086.40
Proceed Order - April 21, 1978
Work Started - June 9, 1978

Baltrusch Const., Inc. Affiliates
Havre, Montana 59501
Ray Munsinger, Field Proj. Manager
Kim's Trailer Ct., Rollins, MT 59931
Phone: 844-3931
Contract Time - 90 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

No work by the contractor the past period. The foot bridges are complete with the exception of deck treatment and cleanup. No personnel assigned at present. The project as a whole is approximately 11% complete.

S-508-1(4)11
NW Troy-Yaak River-Rexford
Grade, Gravel, Surface, Road Mix Bit. Surf.
Length - 1.1 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $239,586.51
Proceed Order - April 21, 1978
Work Started - May 2, 1978

Clark Brothers Contractors
Victor, Montana 59875
Jack Adamson, Field Proj, Manager
Troy, Montana 59935
Phone: 295-4741
Contract Time - 90 Working Days
Prob. Comp. Date - June 15, 1979
Effective Opening Date-Sept. 22, 1978

No work this past period. The contractor has suspended his work until spring. The project as a whole is 91% complete with 85% of the contract time elapsed. One to two engineering personnel are working on notes, when time permits. Construction layout remains 95% complete.

RRP 4139(55) Statewide Federal Aid Routes R.R. Crossings
Length - N/A
Contract Let - May 31, 1978
Contract Awarded - May 31, 1978
Contract Amount - $382,865.10
Proceed Order - June 21, 1978
Work Started in Kalispell Div. Sept 19, 1978

Pacemaker Industries, Inc.
Spokane, Washington 99211
Gene Piedalue, Field Proj. Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 90 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

No work the past period as the contractor was waiting for two power service hookups from Pacific Power & Light to the advance flashing beacons on Foy's Lake Road. Power was installed on November 10 and the contractor anticipates completion of work on November 17, 1978. The project which involves state wide work remains approximately 95% complete in the Kalispell division. One state inspector is assigned as required.

PMS 4140(52) Unit 8 Kalispell Division
Plastic Pavement Markings
Length - 0 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $239,586.51
Proceed Order - April 21, 1978
Work Started - August 2, 1978 (Unit 8)

Swanston Equipment Company
Fargo, North Dakota
Gene Piedalue, Field Proj. Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 90 Working Days
Prob. Comp. Date - July 1, 1979
Effective Opening Date - N/A

No work this past period. Contractor is on suspend until next year. The Kalispell portion (Unit 8) of the project remains approximately 80% complete with 58% of the time elapsed, which includes Unit 11 in the Missoula division. Construction layout is 97% complete. No state personnel are currently assigned due to other work.

M6711(1) Unit 1 Evergreen School
Bouncing Ball Flashers
Length - N/A
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $11,896.50
Proceed Order - August 28, 1978
Work Not Started

Harp Line Construction Co.
Kalispell, Montana 59901
Dan Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 15 Working Days
Prob. Comp. Date - Pending

Material to proceed with the work on this project was received on November 15, 1978. The contractor plans to begin work on the project on Monday, November 20, 1978 installing the bouncing ball flashers and signs. The project remains at 0% complete with 0% of the contract time elapsed. One inspector will be assigned to the project as needed.

M6718(1) 11th St. & South Main
Signalization
Length - N/A
Contract Let - March 31, 1978
Contract Awarded - March 31, 1978
Contract Amount - $22,084.25
Proceed Order - April 21, 1978(See S.P. 1 B)
Work Started - July 6, 1978

Harp Line Const. Co.
Kalispell, Montana 59901
Dan Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 45 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

No work the past period as contractor is awaiting arrival of controller and service box assembly. The project is approximately 25% complete with 18% of the contract time elapsed. One inspector is assigned to the project as required.

M6730(1) & RS-404(8) Kalispell South Loop
Grade, Agg. Surf. Pl. Mix Base, Pl. Mix
Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - Sept. 30, 1976
Contract Awarded - October 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - October 28, 1976
Work Started - November 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Proj. Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 130 Working Days
Project Completed - August 11, 1978
Effective Opening Date-Sept. 19, 1977

The project was completed August 11, 1978 and a certificate of completion has been issued. Two men began compiling notes and final data this past week. Estimated date of submittal to the division office is January 31, 1979.

M6714(3) Center St. & 1st Ave. E. Kalispell
Length - 0.9 Miles
Contract Let - August 11, 1977
Contract Awarded - August 24, 1977
Contract Amount - $939,975.18
Proceed Order - Sept. 13, 1977
Work Started - April 4, 1978

Pack & Company, Inc.
Kalispell, Montana 59901
Gerald Roat, Field Proj. Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Prob. Comp. Date - March 1, 1979
Effective Opening Date-Oct. 4, 1978

Progress was fair the past two weeks. The contractor completed cleanup and miscellaneous items by November 3, 1978 at which time an inspection was held with the City, State and contractors present. A few items were found and corrected immediatley. A letter was then written to the City turning over all maintenance to them except for the remaining modified street lights to be installed on Center Street when materials arrive. The project is now 99% complete with 92% of the contract time elapsed. No personnel are currently assigned to the project due to other work loads.

FOR, Thomas J. Barnard, P.E.
Supv. Div. Const. Section

TJB:NN:mjb

Department of Highways

Butte, Montana

November 16, 1978

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending November 14, 1978. The weather has been cool with some snow showers and temperatures ranging from -17^{0} to $+60^{0}$.

P R E C O N S T R U C T I O N

I 000B(2)U6
Divide N&S
Erosion Control
Design
13.852 Miles
Silver Bow County

Raymond M. Grant
Designer III
Butte, Montana
Probable Completion Date:
December 8, 1978

There was no work on this project during this period. A P.I.H. review of the project scheduled for November 14, 1978 was cancelled because of inclement weather. Another P.I.H. will be arranged when weather conditions permit. Design work on the project is 62.5% complete.

RF 8-1(4)34
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ man days expended to date. Line and Levels run are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

F 8-2(11)41
Euclid Avenue Storm Drain
Design
Lewis & Clark County

S&A Engineers
Helena, Montana
Probable Completion Date:
May 25, 1979

Continuing to draft up survey information onto mylar plan & profile sheets along with design information. Picked up some additional survey information. Project as a whole is 28% complete.

F 8-4(1)77 Unit II
Townsend-Toston
Safety Improvement
10.2 Miles
Broadwater County

Raymond M. Grant
Designer III
Butte, Montana
Completion Date:
November 13, 1978

Design work on the project consisted of recomputing guard rail and related quantities and changing summaries, detail drawings, plan & profile linens, estimate and special provisions to reflect the deleted standard guard rail sections. These changes also included fencing and irrigation items related to the relocation of approaches recently negotiated by the R/W Unit. A three man crew expended 8 man days for a total of 125 man days used to date. All work was completed on November 13, 1978 and the plans were sent to Helena.

I 15-3(13)157
Basin Boulder
5.49 Miles
Jefferson County

Morrison-Maierle, Inc.
Helena, Montana
Consulting Engineers
Probable Completion Date:
December 30, 1978

Project complete except for the bridge design and revising the railroad crossing abutments. Final construction plans and cross sections, Special Prov. and cost estimate submitted April 14, 1978. Mapping notes and backup material submitted April 18, 1978.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer III
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

DP 280-1(1)
York Bridge & Approaches
Location Survey
1.03 Miles
Lewis & Clark County

Tangen Engineering
Helena, Montana
Probable Completion Date:
Undetermined

No work the past period.

RS 284-2(1)11
Canyon Ferry Dam S.E.
Location Survey
Broadwater and Lewis & Clark Counties
6.0 Miles

Stahly Engr. & Associates
Helena, Montana
Probable Completion Date:
Undetermined

Continuing centerline control staking & curve staking. Tied in section corners. Project as a whole is 26% complete.

M 0299(4)
Anaconda Urban Street
Location Survey
1.0 Mile
Deer Lodge County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Work on the project will commence when a crew becomes available.

RS 393-1(2)
Basin Creek Road
Design
2.85 Miles
Silver Bow County

Raymond M. Grant
Designer III
Butte, Montana
Estimated Completion Date:
January 1, 1979

There was no work on the Project during this period. Design work has been temporarily suspended to complete work on other projects. It is estimated that work will resume by November 20, 1978. There have been 121 man days used to date. Preparing plan sheets, reducing notes and plotting and inking cross sections are 68% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project are 48% complete. Designing drainage and irrigation structures, road approaches and incidentals are 8% complete, drafting of summaries and title sheets are 40% complete. Design work on the projecting centerline to reduce the number of conflicts with the Butte Water Company water main is 5% complete. Design work on the project as a whole is 26% complete.

RS 441-1(1)0
Gregson Road
Design
Silver Bow County
2.969 Miles

Raymond M. Grant
Designer III
Butte, Montana
Estimated Completion Date:
January 4, 1979

Design work consisted of reviewing the latest IBM earthwork run to balance the project, drawing the mass diagram and reviewing the Hydraulic recommendations before placing them on the plans and cross sections. A three man crew expended 5 man days for a total of 388 man days used to date. Preparing plan sheets, reducing notes, and plotting and inking cross sections are 92% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project are 97% complete. Design of drainage and irrigation structures road approaches and incidentals are 75% complete and making Plan-In-Hand changes are 20% complete. Design of the project as a whole is 77% complete.

PRECONSTRUCTION

M 1810(1)
Grand Ave. - Butte
Design
1.37 Miles
Silver Bow County

S&A Engineers
Helena, Montana
Probable Completion Date:
March 2, 1979

Need answer from Butte-Silver Bow to questions presented in Montana Dept. of Highways letter of August 17, 1978 concerning selection of street width, lighting and sidewalks. Project as a whole is 9% complete.

M 5807(1)
M 5807(2)
M 5815(1)
Last Chance G/Neill to Lyndale Ave.
Last Chance G/Lyndale to Montana Ave.
Cruse Ave./16th Ave. Lawrence
Location and Design
1.8 Miles
Lewis & Clark County

City of Helena
Helena, Montana
Probable Completion Date:
March 1, 1980

Commenced work on EIS (Progress Stopped on September 29, 1978). Survey work is in progress on M 5807(1). Survey 50% complete on this portion.

CONSTRUCTION

FF 8-1(1)0
Garrison East
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Pl. Mix Bit.
Surf., Lighting and Signing
3.9 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,683,507.23
Work Started: Nov. 14, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Joseph Bettle, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Completion Date:
November 7, 1978
Effective Opening Date: 7/15/78

Final inspection and acceptance is pending. It is estimated that Final Data will be submitted to Helena April 20, 1979.

F FF 8-2(5)46 Unit 2
East Helena East & West
Grading, Agg. Surf., Cem.
Treated Base, Lighting and a
Dual Prestressed Conc. Girder Bridge
7.0 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $4,596,878.30

Zook Brothers Const. Co.
Great Falls, Montana
Robert T. Wilson, Manager
Field Project (Road)
East Helena, Mt. Tel. 227-6924
Albert Reather, Manager
Field Project (Bridge)
East Helena, Mt. Tel. 227-5392

F FF 8-2(5)46 Unit 2 Cont'd.
Work Started: Sept. 28, 1977

Contract Time: 200 Working Days
Probable Completion Date:
May 15, 1979
Effective Opening Date: 11/2/78

Road
Work the past period consisted of performing various clean up operations and completing paving operations. The contractor employed 18 men for 5-8 hour shifts. Project as a whole is 93% complete with 74% of the contract time elapsed. Construction layout as a whole is 95% complete with 5 Engineers and 5 Inspectors engaged.
Bridge
Work on the bridge portion is complete.

F 8-2(10)42
Traffic Control Devices, Intersection
Henderson St. & Euclid Ave.-Helena
0.00 Miles
Lewis & Clark County
Contract Let: October 27, 1977
Bid Price: $32,673.00
Work Started: September 7, 1978

S&S Construction
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
December 15, 1978
Effective Opening Date: N/A

No work the past period. Awaiting arrival of poles, Project as a whole is 15% complete with 40% of the contract time elapsed. Construction layout as a whole is 75% complete with 4 Engineers and no Inspectors engaged.

F 8-4(1)77 Unit 1
Plant Mix Overlay, Townsend-Toston
9.7 Miles
Broadwater County
Contract Let: Sept. 29, 1977
Bid Price: $643,415.70
Work Started: October 4, 1978

Meyer Const. Co.
Billings, Mt.
Jack Erickson, E.T. 3
Townsend, Mt. Tel. 266-5571
Contract Time: 90 Working Days
Probable Completion Date:
April 6, 1979
Effective Opening Date:

Work the past period consisted of completing roadway paving. The contractor employed 22 men for 9-10 hour shifts. Project as a whole is 75% complete with 94% of the contract time elapsed. Construction layout as a whole is 90% complete with 2 Engineers and 5 Inspectors engaged.

I IG 15-1(44)0 &
I IG 15-1(46)9 U1
Monida North & Lima South (South Section)
Add 2 Lane, Signing, and Structures
12.6 Miles
Beaverhead County
Contract Let: August 24, 1978
Bid Price: $6,673,310.83
Work Started: October 16, 1978

General Construction Co.
Butte, Montana
Irvin Broell, Manager
Field Project (Road)
Lima, Mt. Tel. 276-3403
Harold Wiebe, Manager
Field Project (Bridge)

I IG 15-1(44)0 &
I IG 15-1(46)9 U1 Cont'd.

Twin Bridges, Mt. Tel. 684-5714
Probable Completion Date:
November 16, 1979
Effective Opening Date:

Work the past period consisted of installing culverts, removing fence and conducting grading operations. The contractor employed 5 men for 4-8 hour shifts. Project as a whole is 3% complete with 13% of the contract time elapsed. Construction layout as a whole is 20% complete with 5 Engineers and 2 Inspectors engaged.

I 15-2(37)134 &
I 15-3(25)134 Unit 1
Butte North & Woodville North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 250 Working Days
Completion Date:
September 13, 1978
Effective Opening Date: 6/27/78

Final Inspection and Acceptance September 13, 1978. It is estimated that Final Data will be submitted to Helena on March 30, 1979.

I 15-3(26)140 Unit 1
Elk Park South
Grading, Aggregate Surfacing,
Plant Mix Bituminous Base,
Fencing and Signing
2.4 Miles
Jefferson County
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: September 14, 1976

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 150 Working Days
Completion Date:
September 13, 1978
Effective Opening Date: 6/27/78

Final Inspection and Acceptance September 13, 1978. It is estimated that Final Data will be submitted to Helena on March 30, 1979.

I 15-3(29)160 Unit 1
Structure & Approaches on the Basin
Boulder Road
Construction of a prestressed concrete
Girder Bridge
0.36 Miles
Jefferson County
Contract Let: March 30, 1978
Bid Price: $295,635.44

Sletten Const. Co.
Great Falls, Montana
Albert Reather, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 130 Working Days
Probable Completion Date:
November 24, 1978

I 15-3(29)160 Unit 1 Cont'd.
Work Started: May 3, 1978 — Effective Opening Date: N/A

Work the past period consisted of finishing bridge items. Pre-Final Inspection on Structure held 10/27/78. The contractor employed 4 men for 2-8 hour shifts. Project as a whole is 99% complete with 96% of the contract time elapsed. Construction layout as a whole is 97% complete with 1 Engineer engaged.

F 19-1(7)7
Park Avenue - Anaconda
Grading, Agg. Surf., Plant Mix
Bit. Base., Pl. Mix Bit. Surfacing,
Seal & Cover, Lighting & Traffic
Signals
1.2 Miles
Deer Lodge County
Contract Let: Sept. 28, 1978
Bid Price: $993,662.00
Work Not Started

Jim Gilman Excavatirg Inc.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 90 Working Days
Probable Completion Date:
August 17, 1979
Effective Opening Date:

Preconstruction Conference has not been held.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Construction Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Completion Date:
September 1, 1978
Effective Opening Date: 9/9/77

Final Inspection and Acceptance is pending. It is estimated that Final Data will be sent to Helena on February 23, 1979.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal & Cover
10.160 Miles
Beaverhead County
Bid Price: $1,609,681.60
Contract Let: June 19, 1976
Work Started: July 26, 1976

Clark Brothers Contractors
Victor, Montana
Gordon Eckman, E.T. 3
Lima, Mt. Tel. 276-3403
Contract Time: 175 Working Days
Completion Date:
July 19, 1978
Effective Opening Date: 10/26/77

Checking of Final Data is progressing in Division Office. It is estimated that Final Data will be submitted to Helena on January 19, 1979.

F 49-2(2)16
Twin Bridges - South
Pl. Mix Bit. Surf., Overlay
10.3 Miles
Madison County
Contract Let: July 27, 1978
Bid Price: $602,086.85
Work Started: October 30, 1978

Meyer Const. Co.
Billings, Montana
Frank T. Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 90 Working Days
Probable Completion Date:
April 27, 1979
Effective Opening Date:

Work the past period consisted of crushing gravel. The contractor employed 15 men for 5-8 hour shifts. Project as a whole is 0% complete with 1% of the contract time elapsed. Construction layout as a whole is 5% complete with 2 Engineers and 1 Inspector engaged.

I IG 90-3(27)172 Unit 1
Garrison East & West (West Section)
The construction of a 590.83' Avg. length dual composite steel and concrete girder bridge (Over Burlington Northern INc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,895,384.05
Work Started: July 27, 1977

General Const. Co.
Butte, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 280 Working Days
Probable Completion Date:
May 31, 1979
Effective Opening Date: N/A

Structures at Sta. 153+05.70: Forming base deck Spans No. 1 thru No. 3 and setting outside deck and curb forms Spans No. 2 thru No. 5 E.B. Setting expansion joint assemblies over Abutment No. 1 and Bent No. 5 E.B. Finished stripping base deck and curbs Spans No. 1 thru No. 5, and finishing concrete surfaces of Abutment No. 1 W.B. Structure Approaches: No work. Percentages complete for the items are as follows: Structures: Structure Excavation 97%; Reinforcing Steel 65%; Class AD Concrete 99%; All Piling 100%; Traffic Control 10%; Cost of Training Program 100%; Structural Steel 96%; Mobilization 100%; Class BD Concrete 49%; Bridge Drains 30%. Approaches: Topsoil Salvage and Stockpile 100%; Excavation-Unclassified Borrow 97%; Haul Borrow 97%; Compaction Roadbed 97%; Mobilization 100%. The contractor worked ten (10) eight (8) hour shifts employing an average of eleven (11) men. The project as a whole is 84.4% complete with 80.1% of the contract time elapsed.

I IG 90-3(27)172 U2 & FF 88-1(1)1
Garrison East & West (West Section)
and Garrison Interstate Connection
Grading, Agg. Surf., Pl. Mix Bit.
Surf., Signing and Lighting on 4.2 Miles
of Proj. I IG 90-3(27)172 U2
and Widening, Pl. Mix Bit. Surf.,
Signing and Lighting on 0.7 Miles
of Proj. F 88-1(1)1
4.9 Miles

Contract Let: Sept. 29, 1977
Bid Price: $4,981,295.99
Work Started: Nov. 15, 1977
Washington Const. Co.
Missoula, Mt.
Bill Bork, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 250 Working Days

I IG 90-3(27)172 U2 & FF 88-1(1)1 Cont'd.
Powell County

Probable Completion Date:
October 13, 1979
Effective Opening Date:

Work the past period consisted of Hydro seeding, paving and crushing gravel. The contractor employed 62 men for 6-8 hour shifts. Project as a whole is 66% complete with 54% of the contract time elapsed. Construction layout as a whole is 85% complete with 8 Engineers and 9 Inspectors engaged.

I IG 90-3(27)172 Unit 3
Structure on Garrison East & West (West Section)
Construction of a dual 692.5' Avg. prestressed concrete girder bridge (Over B.N.R.R.) a dual 131.5' prestressed concrete girder Bridge (Little Blackfoot River)
0.156 Miles
Powell County
Contract Let: September 29, 1977
Bid Price: $1,922,459.45
Work Started: January 11, 1978

General Construction Co.
Butte, Montana
Loren Matkir, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 250 Working Days
Probable Completion Date:
September 7, 1979
Effective Opening Date: N/A

Progress during the past period was fair. Work consisted of: Sta. 94+59.70 (E.B.)-splicing steel "H" Brg. pile lengths together for Bt. No. 1; stripping Bt. No. 4 crossbeam & leveling brg. pad areas Bt. No. 6. (W.B.)-completing driving the steel "H" Brg. pile & placing concrete for Bt. No. 1 crossbeam leveling brg. pad areas Br. No. 4 & Bt. No. 5. (E.&W.B.)-received & stored 17 more Type 4 prestress beams, all are now on hand, & 11-loads of super-structure reinf. steel. Sta. 137+69.25 (E.B.)-forming on & tieing up reinf. steel for Bt. No. 1 cross beam; completing excavating for footing & preparing to drive the test pile Pier No. 2. Percent complete for the items are as follows: Mobilization,60%; Conc. Cl. AD, 90%; Struc. Excav.-Type I, 100%-Type II, 50%; Shoring & Cribs, 45%; Test Pile-Steel, 70%; Furn. & Drive Steel Brg. Pile, 89% & Reinf. Steel, 37%. The structure as a whole are 35% complete with 138 of the 250 working days used or 55% of the contract time elapsed. During the past period the cont'r. (General Construction Co.) worked 7-8 hour shifts with 12 men employed. Construction layout is 44% complete.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North & South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Const. Co.
Missoula, Mt.
John T. McGeever, Manager
Field Project (Road)
Butte, Mt. Tel. 792-1797
Loren Matkin, Manager
Field Project (Bridge)
Garrison, Mt. Tel. 846-3355
Contract Time: 300 Working Days
Completion Date:
October 13, 1978
Effective Opening Date: 9/18/78

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1 Cont'd.
Road
Preliminary checking of Final Data is suspended in the Division Office. It is estimated that Final Data will be submitted to Helena on April 6, 1979.
Bridges
All work on the structures was completed on Sept. 29, 1977 and an inspection of these structures was made on October 11, 1977.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Fencing and
the construction of a 303.76' steel
Girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,178,181.56
Work Started: June 30, 1976

Max J. Kuney
Spokane, Washington
Claude J. Flynn, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Completion Date:
July 20, 1978

Preliminary checking of Final Data is suspended in the Division Office. It is estimated that Final Data will be submitted to Helena on February 16, 1979.

I 90-3(40)193 &
I IG 90-4(27)194
Surfacing of Racetrack North & South
and Warm Springs North & South
Aggregate Surfacing, Plant Mix
Surfacing and Signing
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: August 11, 1977
Bid Price: $2,582,114.30
Work Started: February 28, 1978

Hilde Const. Co. Inc.
Great Falls, Montana
John T. McGeever, Manager
Field PRoject
Butte, Mt. Tel. 792-1797
Contract Time: 180 Working Days
Completion Date:
October 20, 1978
Effective Opening Date: 9/18/78

Final Inspection and Acceptance is pending. It is estimated that Final Data will be submitted to Helena on April 27, 1979.

I 90-5(33)264
Milligan Canyon to Jct. 287
Pl. Mix Bit. Overlay & Assoc. Work
10.5 Miles
Jefferson & Broadwater Counties
Contract Let: July 27, 1978
Bid Price: $5,027,682.09
Work Not Started

McIntyre Const. Co.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 200 Working Days
Probable Completion Date:
October 26, 1979
Effective Opening Date:

Preconstruction Conference was held September 22, 1978.

RF 171(17) & RS 167(10)
Harrison North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 200 Working Days
Completion Date:
January 14, 1977
Effective Opening Date: 11/16/76

Checking of Final Data by Division Office personnel has been suspended awaiting notes from field office. It is estimated that Final Data will be sent to Helena on March 10, 1979.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work Started: Jan. 24, 1977

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
June 30, 1979
Effective Opening Date:11/2/78

Work the past period consisted of installing guard rail. Contractor employed 8 men for 2-8 hour shifts. Project as a whole is 95% complete with 95% of the contract time elapsed. Construction layout as a whole is 100% complete with 5 Engineers and 1 Inspector engaged.

M 0299(3)
Anconda Urban System
Grading, Pl. Mix Bit. Base.,
Pl. Mix Bit. Surf. and Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $996,307.40
Work Started: July 7, 1977

Zook Brothers Const. Co.
Great Falls, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 120 Working Days
Probable Completion Date:
December 8, 1978
Effective Opening Date: 5/19/78

No work the past period. Project as a whole is 99% complete with 99% of the contract time elapsed.

BRS 361-1(3)17
Structure & Approaches
West of Twin Bridges
Construction of a prestressed concrete
Girder Bridge and Grading, Agg. Surf.,
and Road Mix Surf. of the approaches
0.2 Miles
Madison County
Contract Let: Sept. 28, 1977

McIntyre Const. Co. and
S. Birch Inc.
Great Falls, Montana
Harold Wiebe, Manager
Field Project
Twin Bridges, Mt. Tel. 684-5714
Probable Completion Date:
April 20, 1979

BRS 361-1(3)17 Cont'd.
Bid Price: $557,136.64
Work Started: November 4, 1977

Effective Opening Date:

No Progress for the past two weeks. Structure Over Big Hole River at Sta. 13+55.00: Final Inspection was held 11/1/78 on structure.
Road: No work. Contractor will complete Road Mix next year when weather permits.
Percentages complete for the items are as follows: All work 100% except for Road Mix and seeding. The project as a whole is 99% complete with 94% of the contract time elapsed.

No. 1487 State Project
Fencing - State Highway Complex
0.00 Miles
Lewis & Clark County
Contract Let: Sept. 28, 1978
Bid Price: $2,634.00
Work Started: November 7, 1978

Glen Mininger Construction
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 20 Working Days
Completion Date: 11/14/78
Effective Opening Date: N/A

Work the past period consisted of completing all contract items. Contractor employed 3 men for 4-8 hour shifts.

M 1803(4)
Harrison Ave. - Butte
Pl. Mix Bit. Overlay, Curbs,
Traffic Signals, Signing, Sidewalks
and Beautification
0.3 Miles
Silver Bow County
Contract Let: May 26, 1977
Bid Price: $320,447.19
Work Started: July 19, 1977

Jim Gilman Excavating Inc.-Butte
Robert Wilson, Manager
Field Project
East Helena, Mt. Tel. 227-6924
Contract Time: 90 Working Days
Completion Date:
July 17, 1978
Effective Opening Date: 11/3/77

Final Data was submitted to Helena on November 8, 1978.

M 1804(2)
West Park St. - Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Signing, Lighting & Traffic Signals
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Started: March 15, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Joseph Bettle, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 130 Working Days
Completion Date:
April 26, 1978
Effective Opening Date: 8/15/77

Final Inspection and Acceptance June 29, 1978. It is estimated that Final Data will be submitted to Helena on February 16, 1979.

RRP 4139(55)
The installation of pavement marking, signing and guard rail on various railroad Highway Crossings on Federal Aid Routes Statewide in Montana
Contract Let: May 25, 1978
Bid Price: $382,865.10
Work Started: July 31, 1978 (Butte Div.)

Pacemaker Industries Inc.
Spokane, Washington
Edward Kenison, E.T. 3
Butte, Mt. Tel. 494-4172
Contract Time: 90 Working Days
Completion Date: 10/24/78
Effective Opening Date: N/A

The Butte Division portion of this project is now complete. It is estimated that Final Data will be sent to Helena on December 15, 1978.

PMS 4140(52) Unit 3 & 4
Pavement Markings on Various Intersections
Gallatin, Park, Madison, Powell
Silver Bow and Lewis & Clark Counties
Contract Let: February 23, 1978
Bid Price: $130,637.02
Work Started: June 9, 1978

Robert L. Livesay
Great Falls, Montana
Edward Kenison, E.T. 3
Butte, Mt. Tel. 494-4172
Contract Time: 90 Working Days
Completion Date:
September 16, 1978
Effective Opening Date: N/A

Final Inspection and Acceptance September 19, 1978. It is estimated that Final Data will be submitted to Helena on December 15, 1978.

M 5805(4)
Traffic Control Devices and Lighting on Park Avenue, Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 25, 1978
Bid Price: $136,636.66
Work Not Started

Allen Electric Inc.
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 35 Working Days
Probable Completion Date:
December 24, 1978
Effective Opening Date: N/A

Preconstruction Conference was held September 19, 1978.

M 5816(3)
Broadway - Helena
Grading, Agg. Surf., Pl. Mix Bit. Base, Pl. Mix Bit. Surf., Sidewalks and related items
0.9 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $477,717.13
Work Started: Sept. 12, 1977

Dugdale Const. Co. Inc.
Butte, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 110 Working Days
Probable Completion Date:
December 1, 1978
Effective Opening Date: N/A

M 5816(3) Cont'd.
No work the past period. Project as a whole is 96% complete with 97% of the contract time elapsed. Construction layout as a whole is 100% complete with 4 Engineers and no Inspectors engaged.

FOR Richard B. Dundas, P.E. Supr. Div.
Const. Sect. - Butte

RBD/GBH/MJJ/cu

P.O. Box 1110
Bozeman, MT 59715

November 17, 1978

Progress Report
Division 2230

NOV 2

Department of Highways
Helena, MT 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the two week period ending November 17, 1978. The day-time temperatures have ranged between 6 and 60 degrees.

P R E C O N S T R U C T I O N

F 11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 13-1( )24
8 Mi. South of Cameron - South
Length - 6.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1( )30
3 Mi. South of Cameron - South
Length - 5.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Design - Alpha Engineers, Inc.

The location survey has been completed and the design is now 28% complete.

HHS 50-2(3)81
Int. of FAP 50, 84 & 85

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All requested field work has been completed.

F 50-2(4)79
Bozeman - West
Approximate Length - 9 Miles

Thomas, Dean & Hoskins, Inc.
Great Falls, MT
Consulting Engineers
Probable Completion Date: May 1980

The consulting engineering firm was given authorization to begin the location survey and design on October 27, 1978.

F 59-1(2)7
Clyde Park - North & South
Length - 6.7 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 59-1(3)14
Clyde Park - North
Length - 6.2 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 64-1(2)3
US 191 Spur
Approximate Length - 6.7 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All requested field work has been completed.

HHS 86-1(2)1
Int. of FAP 86 & FAS 536

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All requested field work has been completed.

F 86-1(3)23
Park Co. Line - South
Length - 8.1 Miles

George A. Sitton, FPM
Phone: 222- 1965 Livingston
Estimated Completion Date: 1-2-79

With the exception of the hydraulic survey of "Fairy Creek" at Station 149+30, the irrigation surveys, and the cross-section extensions requested on October 16, all field work has been completed.

F 86-1(4)18
8 Miles South of Park Co. Line-South
Length - 6.0 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 6-30-79

A five man survey crew has been cross-sectioning during the past two weeks. The cross-sections have now been completed from the beginning of the project to Station 258+00 completing 79% of the cross-sectioning required for the location survey. The survey as a whole is now 47% complete.

HHS 86-1(5)3
Bridger Canyon
Length - 1.8 Miles

Ross M. Johnson, FPM
Phone: 587-4186 Bozeman
Estimated Completion Date: 12-31-78

The survey crew that was working on this location survey is now being utilized on construction projects. The location survey as a whole is 48% complete.

ROW I 90-6(26)315 — Engineer Unassigned
Bozeman Pass - East
Sand House

Plan-in-Hand inspection was held on October 25, 1978.

I 90-6(36)315 U-3 — Engineer Unassigned
Bozeman Pass - West, Rest Area

No information has been requested from the field to date.

I 90-7(17)350 — Roger E. Blossom, PE, FPM
Springdale - Big Timber — Phone: 932-3515 Big Timber
Length - 13.477 Miles

All requested work has been completed.

I 90-7(21)339 — Engineer Unassigned
Springdale - West
Length - 9.2 Miles

The hydraulic survey data requested on August 7 will be obtained as men are available.

I 90-7(35)364 U-2 — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (E. Sect.) — Phone: 932-3515 Big Timber
Length - 5.5 Miles
Grading & Str. at Sta. 580±, 620±,
680±, 698±.

All requested field work has been completed.

I 90-7(35)364 U-3 — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (Mid. Sect.) — Phone: 932-3515 Big Timber
Gr. & Str. at Sta. 1829± & 1896±
Length - 3.2 Miles

All requested field work has been completed.

I 90-7(35)364 U- — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (W. Sect.) — Phone: 932-3515 Big Timber
Length - 1.7 Miles

All work requested from the field has been completed.

I 90-7(36)318 U-2 — Engineer Unassigned
Bozeman Pass - East
Rest Area

All work requested from the field has been completed.

I 90-7(40)332 — William F. Nimmons, FPM
Snow Fence — Phone: 586-5074 Bozeman
Approx. Length - 5.0 Miles

All information requested from the field has been submitted to Helena.

I 90-7(41)375
Greycliff - East
Access Road (Prairie Dog Town)
Length - 0.440 Mile

Roger E. Blossom, PE, FPM
Phone: 932-3515 Big Timber

All requested work has been complete.

F 91-1(1)0
Big Timber - E & W
Signs, Traffic Control Devices

Engineer Unassigned

All requested work has been completed.

HHS 205-1(1)28
North of Bozeman
Guardrail - B.N. Overpass
Right Turn Lane

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

The cross-section extensions requested November 14 will be obtained in the near future.

RS 411-1(1)0
Springhill Road
Length - 5.3 Miles

Engineer Unassigned

A field Location Review was held on 9-13-78.

S 487-1(1)0
Big Timber - North & East
Approx. Length - 9.1 Miles

Larry O. Williams, Designer III
Phone: 586-9562 Bozeman
Estimated Completion: 1980

The preliminary design of vertical alignment has been completed and the Surfacing Design Unit has been requested to furnish the structural surfacing design and work has been started on the coding of the DPS forms for the COGO/HALO run on all proposed line projections for the project. A total of seventy-four man-days have been expended on the design of this project which is now 7% complete.

RS 540-1(1)0
East River Road - Park Co.
Length - 23.0 Miles

Engineer Unassigned

A preliminary field review for this project was held on July 19, 1978.

RS 563-1(1)0
Springdale - Hunters' Hot Springs
Length - 1.7 Miles
Design Started 5-2-77

Larry O. Williams, Designer III
Phone: 586-9562 Bozeman

The field design of this project has been completed and all data was submitted to the checker in Helena on August 23, 1978. Utility field inspections were held on October 11 & 12, 1978.

M 1201(1)
North 19th - Bozeman
Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The typical section recommended by the City of Bozeman has been accepted by the Highway Commission and the Federal Highway Administration.

M 1202(1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

Work on this right-of-way survey has been completed and all data was submitted to Helena on October 30, 1978.

M 1212(1)
Kagy Lane-from Willson to Highland-BZN
Design
Approx. Length - 1.1 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The typical section recommended by the City of Bozeman has been accepted by the Highway Commission and by the Federal Highway Administration.

M 1212(4)
Kagy, from 3rd to 19th - Bozeman
Length - 1.0 Mile

Engineer Unassigned

This location survey has not been started to date.

M 7403(1)
5th St., Park to Front - Livingston
Design
Approx. Length - 0.1 Mile

Morrison-Maierle, Inc.

The design of this project has been completed and the final plans have been approved by city officials and returned to Helena.

M 7404(1)
Front St., from Main to Cemetery-Liv.
Design
Approx. Length - 0.9 Mile

Morrison-Maierle, Inc.

The final plans were delivered to the city officials for their approval on April 12, 1978. On August 2, 1978 a letter was written by Livingston City Officials requesting various changes and these are now being incorporated into the project by the designer.

M 7406(1)
Main, Chinook & Gallatin - Livingston
Design
Approx. Length - 1.3 Miles

Morrison-Maierle, Inc.

A public hearing was held on August 23, 1978 and the design of this project remains 83% complete.

C O N S T R U C T I O N

F 29-1(5)16
Virginia City Hill
Truck Escape Ramp
Contract Awarded: March 31, 1978
Contract Amount: $123, 430.80
Proceed Order Date: 4-21-78
Work Started: 7-11-78

Rehbein Contracting, Inc.
Plains, MT
William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Contract Time: 60 Working Days
Completion Date: 10-2-78
Effective Opening Date: Not Opened

The Division Office checking of this final estimate and supporting data is now in progress.

F 45-1(1)15
Big Timber - North
Length - 11.5 Miles
Contract Awarded: 10-1-77
Contract Amount: $652,048.05
Proceed Order Date: 10-24-77
Work Started: 7-25-78

Meyer Construction Company
Billings, MT
Roger E. Blossom, PE, FPM
Phone: 932-3515 Big Timber
Contract Time: 90 Working Days
Completion Date: 10-31-78
Effective Opening Date: 10-9-78

A six man engineering crew has been working on the final estimate and supporting data.

ROS 50-2(5)56
US 191 Gallatin Canyon Safety
Safety Corrections
Contract Awarded: March 31, 1978
Contract Amount: $417,890.15
Proceed Order Date: April 21, 1978
Work Started: April 24, 1978

Frank Gurney, Inc.
Spokane, Washington
Harold G. Heath, Eng Tech 3
Phone: 587-4186 Bozeman
Contract Time: 60 Working Days
Completion Date: 10-20-78

Three men have been working on the final estimate and supporting data and it is estimated that all information will be submitted to the Division Office prior to November 24, 1978.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Structures
Length - 7.1 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,688.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Ross M. Johnson, FPM - Grade
Jerry R. Branum, FPM - Structures
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 7-1-79
Effective Opening Date:

Paving operations were completed on the EB lane on November 7, 1978 and traffic now has the use of both the EB and WB lanes throughout the project. Goodfellow Brothers are doing minor clean-up work throughout the project and the guardrail sub-contractor has been installing rail on the EB lane between Stations 178 and 180, 242 and 250, and 311 to 313. Fence is being installed between Stations 162 and 182 right of the EB roadway. A fifteen man engineering crew is assigned to this project which is 94% complete with 89% of the contract time elapsed. The contractor has 38 working days of contract time remaining.

I 90-7(35)364 U-1
Big Timber - Greycliff
393.0' Composite Steel & Concr. Girder Br. & App.
Contract Awarded: 10-1-77
Contract Amount: $481,649.80
Proceed Order Date: 10-25-77
Work Started: 11-5-77

L. R. Huckaba Construction Co.
Cardwell, MT
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 170 Working Days
Probable Completion Date: 4-30-79
Effective Opening Date: N.A.

Progress has been slow with the contractor employing four men and working three 8-hour shifts. Work consisted of removal of deck forms and general clean-up work. All work has been suspended on this project since November 11th. A two man engineering crew is assigned to this project which is 95% complete with 76% of the contract time elapsed. The contractor has 42 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, MT
George A. Sitton, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Completion Date: 6-30-78
Effective Opening Date: 6-23-78

Between two and three men have been performing the Division Office check of the final estimate and supporting data. Checking of this final is approximately 6% complete.

M 7412(3)
River Dr. & 9th St. Livingston
Gr., G.S., P.M.S.
Length - 0.4 Miles
Contract Awarded: 10-4-78
Contract Amout: $202,557.00
Proceed Order Date: 10-25-78
Work Started: 10-30-78

Long Construction Co.
Billings, MT
William G. Shuyler, FPM
Phone: 222-1795 Livingston
Contract Time: 80 Working Days
Probable Completion Date: 7-30-79
Effective Opening Date:

Progress has been good with the contractor employing four men and working four 8-hour shifts. All work to date has been restricted to the installation of culvert, storm drains and man holes. A two man engineering crew is assigned to this project which is 8% complete with 0% of the contract

time elapsed. The contractor has 80 working days of contract time remaining.

Respectfully,

Edward J Rivera for RCH

Richard C. Holmes, PE, Supervisor
Division Construction Section-Bozeman

RCH:EJR:bc
cc: Bozeman Division Lab

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
November 20, 1978

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period November 7, 1978 thru November 20, 1978.

General

Weather has been overcast to clear with tempetures ranging from 0° to 40° with high winds and snow delaying construction progress.

PRE-CONSTRUCTION

RF 25(2) - Gt. Falls, Airport Access Road
Length: 0.7 miles - Cascade County
Design Started: June 3, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Unknown

No work during this reporting period. Design remains 46% complete.

F 60-2(3) - Great Falls East
F 64(15)
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen - Design II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 1979

2 men worked 15 days templating cross sections. Design is 50% complete.

F 3-2(2) 18 Fairfield E. & W.
F 64(15)
Design

R. Fransen, Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Nov. 6, 1978

NORTH SECTION, 4.6 MILES
Redesign is complete. Design was submitted to Helena office for checking on Nov. 13, 1978.

F 3-1(1)
Fairfield E.& W.
Design

R. Fransen, Designer II
Great Falls, Phone - 452-2361
Prob. Comp. Date: Oct. 31, 1979

EAST SECTION, 4.9 MILES
1 man worked 5 days preparing plan-profile linens. Design is 2% complete.

F-9-1(1)
F 238 (13) Bowmans' Corner-Augusta
Design Started: March 12, 1978

R. Fransen - Designer II
Great Falls - Phone # 452-2361

SOUTH SECTION - 5.6 miles - Design work on this portion will begin in the near future. Design is 0% complete. Probable completion date December 1979.
MIDDLE SECTION - 5.4 Miles - No work during this reporting period. Design remains 7% complete, with probable completion date March 1979.
NORTH SECTION - 3.8 Miles - Design work on this portion will begin in the near future. Probable completion date December 1979.

RS 228-2(3)
RS 348(18) - 5 miles south of Fort Benton
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

CONSTRUCTION

I 15-5(50) 239 U-4
Cascade North & South (So. Section)
2 Structures & Add 2 Lanes
Cascade County
Length: 11.4 miles
Contract Awarded: August 15, 1977
FHWA Concurrence: August 15, 1977
Amount of Contract: $2,662,646.97
Work Started: August 29, 1977

Rehbein Contracting, Inc., Contractor
P.O. Box 339
Plains, Montana 59859
Harry Strong - Mgr. F.P.U. (Roadway)
Cascade - Phone #468-2801
Comp. Time: 160 Working Days
Prob. Comp. Date: December 1, 1978

Progress has been poor. Minor Operations only. Contractor engaged in erecting fence. Subcontractor Swan & Sons to begin seeding 11-6-78 and suspended same 11-8-78 because of snow and cold. Structures are complete. The project as a whole is 98% complete with 99% of the contract time elapsed. Construction lay-out is 99% complete with an 8 man engineering crew engaged in layout and inspection.

I 15-5(64) 238 U-2 Hardy Creek Ramps
I 15-5(50) 289 U-5 Cascade N & S
Cascade County
Surfacing
Length: 15.3 miles
Contract Awarded: August 25, 1978
Contract Amount: $3,412,155.85
Work Started:

Hilde Construction Company, Contractor
P.O. Box 2287
Great Falls, MT 59403
Harry Strong - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Prob. Comp. Date:
Effective Opening date:

To date the Preconstruction Conference has not been scheduled.

BRF 9-2(3) 63
Teton River Bridge - South of Choteau
Teton County
Contract Awarded: August 15, 1977
Amount of Contract: $447,638.98
Work Started: Sept. 13, 1977

Frontier West, Inc. Contractor
P.O. Box 8242
Missoula, MT 59801
Don Harrison - Mgr. F.P.U.
Choteau
Comp. Time: 130 Working Days
Comp. Date: Oct. 16, 1978
Effective Opening Date: Aug. 4, 1978

Project completed 10-16-78. Two man engineering crew has been engaged in compiling final estimate and supporting data and other assignments. Final Estimate and Supporting data submitted to Division for checking on 11-2-78.

ER 72(26)
Teton River - Flood Damage Repair
Chouteau County
Contract Awarded: Aug. 25, 1978
Amount of Contract: $93,383.40
Work Started: Oct. 10, 1978

General Construction, Contractor
P.O. Box 3589, Butte, MT 59701
Glen Enderson, Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 30 Working Days
Prob. Comp. Date: Nov. 30, 1978
Effective Opening Date:

Progress has been fair. Contractor shaping slopes on deflector berm and spur dike. Exc. keyways and placing riprap in same and stockpiling riprap at project site. Placement of filter cloth and riprap on slopes will commance as weather premits. Items and percent complete are: Traffic Control Devices 79%, Uncl. Exca. 90% and riprap Cl. 2 11%. The project as a whole is 40% complete with 70% of the contract time elapsed. Construction layout is 95% complete with a 1 man engineering crew engaged in layout, inspection and other assignments.

F 80-1(1)5
Fort Benton - So. - Geraldine - Ft. Benton
Chouteau
9.5 miles - Pl. Mix Overlay
Contract Awarded: October 1, 1977
Contract Amount: $523,710.83
Work Started: June 22, 1978

Meyer Construction Company
P.O. Box 1417, Billings MT 59101
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 90 Working Days
Prob. Comp. Date: Nov. 30, 1978
Effective opening date: Sept. 22, 1978

Progress has been poor. Contractor moved back to project on Nov. 1, 1978 to complete slope work and cleanup. Project was seeded Nov. 3, 1978 with slope work, cleanup and reclaimation of gravel pit complete Nov. 8, 1978. Installation of warning flasher as described in C.O. #2 is scheduled for after Nov. 15, 1978. Items and percent complete are: Seeding 100%, Fertilizing 100%, Condition seedbed 100%. Project as a whole is 99% complete with 91% of contract time elapsed. Construction layout is 100% complete with a 1 man engineering crew engaged in inspection and other assignments.

HHS 24-4(2) 127
Mont. 200 at Int. Mt. 21, and U.S. 89
Intersection improvements
Cascade County
Contract Let: October 27, 1977
Contract Awarded: November 2, 1977
Contract Amount: $148,488.00
Work Started: April 11, 1978

Kraus Construction Co., Contractor
P.O. Box 923, Great Falls, MT
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Prob. Comp. Date: Nov. 15, 1978
Effective opening date: Aug. 9, 1978

Progress has been fair. Contractor completed installing Poly. Mulch and Snow Fence on Nov. 1, 1978. Project 100% completed on Nov. 1, 1978 with 100% of contract time used. Two man engineering crew compiling final estimate, supporting data and other assignments.

TQS 228-1(3)0
Great Falls - Highwood
Cascade County
13.7 miles, Pl. Mix Overlay & Seal Cover
Contract Awarded: July 19, 1977
Work Started: Sept. 19, 1977
Contract Amount: $1,087,497.70

Hilde Construction Co., Contractor
P.O. Box 2287, Great Falls, MT 59401
Frank Robinson - Mgr. F.P.U.
Great Falls, Phone #453-2573
Prob. Comp. Date: Nov. 30, 1978
Effective opening date: July 21, 1978

Progress has been none. High winds, snow cover and freezing temperatures have prevented seeding and fertilizing. Very heavy rainfall in September has caused a slide to develop right of Sta. 656. The contractor has been directed to construct a counter balance in this area. Contractor anticpates beginning this work as soon as weather permits. The project as a whole is 96% complete with 66% of the contract time elapsed. Construction Layout is 99% complete with engineering assigned, engaged in compiling supporting data and other assignments.

RS 228-2(4)40
Fort Benton - South
Chouteau County
4.3 miles - G. GS. Pl. Mix Bit. Surf.
Contract Awarded: March 31, 1978
Contract Amount: $1,039,164.75
Work Started: June 8, 1978

General Construction Co., Contractor
P.O. Box 3589, Butte, MT 59701
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 140 Working Days
Prob. Comp. Date: July 1, 1979
Effective opening date:

Progress has been fair. Contractor engaged in placing riprap and ditch liners at various locations. Subcontractor, Baltrusch, producing and placing 1½ C.B.S. Sta. 325 to 354 shaping and finishing to blue tops in progress. Subcontractor started producing and stockpiling 1" Pl. Mix Bass Agg., Nov. 8, 1978. Items and percent complete are: Traffic Control 29%, Exc. Uncl. 100%, 1½" Crushed Base GR. 5A 99%, riprap 46%. Project as a whole is 61% with 71% of contract time elapsed. Construction layout is 95% complete with a 13 man engineering crew engaged in layout, inspection, testing and other assignments.

RS 330-1(3)31
Cascade East - Cascade - Ulm
Cascade County
6.5 miles - Pl. Mix Overlay
Contract Awarded: Dec. 15, 1977
Contract Amount: $250,432.62
Work Started: July 18, 1978

Meyer Construction Co., Contractor
P.O. Box 1417, Billings MT 59101
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 74 Working Days
Comp. Date: Sept. 9, 1978
Effective opening date: Sept. 1, 1978

Project completed Sept. 9, 1978. Two man engineering crew compiling final estimate and supporting data, anticipate submittal to Div. Office Dec. 1, 1978.

M 5201(5) U-2
Structure on 6th
Cascade County
506 Feet in Length
Contract Awarded: May 31, 1977
Amount of Contract: $2,008,232.79
Work Started: June 21, 1977

Sletten Const. Co, Contractor
P.O. Box 2467
Great Falls, MT 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 300 Working Days
Prob. Comp. Date: April 15, 1978
Effective opening date:

Progress has been good. Contractor spot painting, finishing concrete, removing forms, applying protective coating and clean up. Items and percent complete are: "AD" conc. 95%, Prest. beams 94%, railing 85%. The project as a whole is 96% complete with a 4 man engineering crew engaged in inspection, and other assignments.

MBRM 5210(4) U-1
Structure on 1st Ave. N. - Gt. Falls
Cascade County
962 Ft. in Length
Contract Awarded: Aug. 25, 1978
Amount of Contract: $5,188,929.19
Work Started: Sept. 21, 1978

Sletten Construction Co., Contractor
P.O. Box 2467
Great Falls, MT 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone 453-2573
Comp. Time: 450 Working Days
Prob. Comp. Date: Sept. 1980
Effective opening date:

Progress has been fair. Contractor working 5 a.m. to 10 p.m. Traffic is now 2 way across existing structure with contractor using other 2 lanes as work bridge, with conc. barrier rail as divider. Pier 2 has footing in place, and shaft being formed. Piers 3 and 4 have footings placed. Pier 5 the setting of cofferdam is being done. Items and percent complete are: Remove structure 1%, shoring and cribs 17%, str. exc. 12%, resteel 2%, AD conc. 4%, Maint. traffic 14%. The project as a whole is 5% complete with 9% of the contract time elapsed. Construction layout is 20% complete with a 4 man engineering crew engaged in layout, inspection, testing and other assignments.

RRP 4139(51)
Railroad Grade Crossing, 38th St. Gt. Falls
Cascade County
Contract Awarded: Aug. 25, 1978
Contract Amount: $107,811.36
Work started:

Kraus Contracting Company, Contractor
P.O. Box 923, Great Falls, MT
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 30 Working days
Prob. Comp. Date: May 15, 1979
Effective opening date:

Department of Highways November 20, 1978

Progress has been poor. Contractor worked 5 - 8 shifts curshing and stockpiling 1½" Pl. Mix Base Aggr. Winter shut down in effect, however contractor anticipates resuming crushing operations for remaining surfacing aggr. and grading operations if weather permits. Project as a whole is 0% complete witn 27% of contract time elapsed. Construction layout is 75% complete with a 3 man engineering crew engaged in layout, testing and other assignments.

RS 0005(59)
Secondary Signing
Cascade County
Contract Awarded: March 31, 1978
Contract Amount: $9,918.00
Work Started: Sept. 19, 1978

Northern Rockies Const., Contractor
P.O. Box 2101, Great Falls, MT 59401
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Date: Oct. 18, 1978

Progress has been none. All items 100%, project completed Oct. 18, 1978; using 100% of contract time provided. Final estimate and supporting data submitted to Division office on Nov. 9, 1978, for checking.

James T. Sullivan - P.E. - Supvr.
Division Construction Section

JTS/CS/kc

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

November 17, 1978

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending November 17, 1978.

G E N E R A L

The weather for the past reporting period has been poor with from 6 to 12 inches of snow. The temperatures ranged from a -9° to a $+71^{o}$.

P R E C O N S T R U C T I O N

HHS 58-1 (1) 30, St. Mary - Babb
Fencing Survey
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F10-2 (1) 79, Big Sandy - North
10.1 miles, Chouteau County
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

S 241-1 (01), Turner - Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project. Design as a whole is 25% complete with 24 mandays used to date.

RS 233-1 (01), Havre - North
10.0 miles, Secondary Rte 233
Location Survey

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 40% complete.

RS 233-1 (2), Havre - North
12.00 miles, Secondary Rte. 233
Location Survey

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

No work on this project this period as the engineering crew is working on other projects. Reducing notes and plotting cross sections are 75% complete. The cross sectioning is 93% complete. Centerline, levels, check levels, and utility topography are 100% complete. The general topography is 75% complete and section ties are 15% complete. The location survey as a whole is 70% complete with 194 mandays used to date.

F 44-1 (01), Valier - East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey this past reporting period. The items remain as previously reported.

RS 552-1 (01), Sunburst - East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

No work on this project during this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

CONSTRUCTION

I 5-8 (21) 354
Shelby - Oilmont Jct.
14.6 miles - Toole County
Grade, Aggr. Surf., Pl. Mix
Bit. Surf., and Structures
Contract Not Let

James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

Marias River Electric
All work is complete with the exception of one pole which will be moved at a later date.
Northern Telephone
There has been no work by the telephone company and the work remains 90% complete. Five men are staking centerline and taking topography of the utility revisions.

HHS 1-3 (1) 223, Browning - East - West Road
0.5 miles, Glacier County
Slope flattening and guard rail
(safety correction)
Contract Let: September 29, 1977
Contract Amount: $128,316.89
Work Started: 4/24/78

Evenson, Inc.
Chouteau, Montana
Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 45 working days
Completion Date: 9/26/78

One man worked 6 mandays checking final supporting data which is 75% complete.

I-IG 15-8 (25) 379
Sunburst - Canadian Line
Sweetgrass - South, Sunburst - South
Gr. agg. surf., pl. mix
bit. base, pl. mix bit. surf.,
structures, safety correction
& pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Field Project Manager
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Completion Date: 10/27/77

A one to three man crew worked 8 days reviewing and clarifying final estimate notes. This data will be returned to the division office approximately November 17, 1978.

I 15-8 (33) 343
Toole County Line - North
8.314 mi. agg. surf.,
pl. mix bit. surf., & signing
Contract Let: 10/28/76
Contract Amount: $2,176,268.12
Work Started: 5/16/77

Empire Sand and Gravel Construction Co.
Billings, Montana
James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Completion Date: 9/22/78
Effective Opening Date: 9/1/78

One to two men are working on the final which is approximately 75% complete. The estimated date of submittal to the division office is November 30, 1978.

RF FLH 353 (15)
Two Medicine Bridge - East
5.7 miles - Glacier County
Grade, aggr. surf., pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work Started: 4/28/77

Hilde Construction, Inc.
Great Falls, Montana
Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Completion Date: 8/4/78
Effective Opening Date: 8/3/78

A two to five man engineering crew is working on the final estimate which is 75% complete, R/W monumentation, and other projects.

RS 432-1 (2) 27
Big Sandy - Rudyard
7.3 miles - Chouteau & Hill Counties
Grade, aggr. surf., pl. mix
base and signing
Contract Let: 5/26/77
Contract Amount: $935,668.76
Work Started: 7/6/77

Wickens Brothers
Lewistown, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 140 working days
Completion Date: 9/29/78
Effective Opening Date: 9/15/78

One man worked three days on the final estimate and supporting data. Checking final supporting data is 10% complete.

TQS 464-1 (2) 19 U-2
Browning-Babb (Duck Lake Road)
Grade, gravel, and pl. mix base
Contract Let: 8/24/78
Contract Amount: $1,395,243.01
Work Not Started

Rehbein Contracting, Inc.
P. O. Box 339
Plains, Montana 59859
Harold D. Kelly, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 120 working days
Probable Completion Date: 10/30/79

The contractor, Rehbein Construction Co., started moving in equipment on 11/6/78. Due to unfavorable construction weather, work will not begin until next spring. A one to seven man engineering crew worked 9 days compiling notes needed for construction which are 77% complete. Construction layout as a whole is 95% complete.

F-1-6 (2) 382
U. S. 2 - Havre - East Section
1.9 miles - Hill County
Grade, gravel surf., pl. mix surf.
and storm sewer
Contract Let: 5/26/77
Contract Amount: $1,137,961.65
Work Started: 7/20/77

Baltrusch Construction, Inc. & Affiliates
Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 6/1/79
Effective Opening Date:

Progress has been fair. The contractor worked two days with ten men employed placing grade B plant mix on approaches. All surfacing operations as a whole are 98% complete. The sidewalks, signing, floodgate, and unclassified excavation are the largest items remaining to be completed. Construction is now under a winter shutdown. The project as a whole is 90% complete with 94% of the contract time elapsed. A six man engineering crew is assigned to construction layout and inspection.

RRP 4139 (55) State Wide
0.0 miles - Various Counties
and guard rail on various
R. R. highway crossings
Contract Let: 5/25/78
Contract Amount: $382,865.10
Work Started: 9/17/78 - Havre Division

Pacemaker Industries, Inc.
Spokane Washington
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 90 working days
Completion Date: 10/24/75

A two man engineering crew is presently working on final notes.

PMS 4140 (52) Units 6 & 7
Various Cities in N. Central Montana
(Intersection Pavement Markings)
0.0 miles
Cascade, Glacier, Toole & Hill Counties
Contract Let: 2/23/78
Contract Amount: $130,357.75

Northern Rockies Construction Co.
Great Falls, Montana
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 90 working days
Completion Date: Unit 7 - 8/28/78

The final data will be submitted to the division office in Havre soon.

M5708 (2) Unit 1
5th Avenue and 14th Street - Havre
(Securing & Delivery of Signal Material)
0.0 miles - Hill County
Contract Let: 3/30/78
Contract Amount: $10,737.00
Work Not Started

Western Sign Corporation
Great Falls, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: August 1, 1978
Probable Completion Date: 12/30/78

Delivery of material has been dalayed due to strikes. To date, 1" and 1½" rigid conduit, wire, 3-signal standards type 2, 1- signal standards type 1, and miscellaneous items have been received and are in storage at the Havre shop.

M 5708 (2) Unit 2
City of Havre
(Install Traffic Control Devices)
0.0 miles - Hill County
Contract Let: 8/7/78
Contract Amount: $18,046.60
Work Started: 9/26/78

Western Sign Corporation
Great Falls, Montana
Albert M. Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 30 working days
Probable Completion Date: 12/30/78

No work on this project due to lack of materials caused by strikes. The project as a whole remains 43% complete with 23% of the contract time elapsed.

Respectfully submitted,

Hazen D. Flickinger

Hazen D. Flickinger, P. E., Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
November 16, 1978

DEPARTMENT OF HIGHWAYS
Helena, Montana

NOV 20 1978

CONSTRUCTION BUREAU

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending November 14, 1978.

GENERAL

Progress throughout the Divison has been slow. Weather ranged from fair and mild to cold and snow with temperatures ranging from plus 5 degrees to plus 70 degrees.

PRECONSTRUCTION

F-20-2(1), SAVAGE-CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

G.L. Kuester, Designer III
Design Started - August 4, 1975
Est. Comp. Date - May 31, 1979

A one to four man engineering crew worked 9½ mandays this period. Five and one-half mandays were spent locating, tying and recording section corners and four mandays were spent checking irrigation ditches and property ties at Crane. A total of 913.5 mandays have been spent on this project on location work which remains 99% complete. Six mandays were used on irrigation waste ditches, design, computing additional excavation quantities and placing items on summary sheets. Design is 33% complete with 150 mandays used to date.

RF-20-2(2), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978

Robert A. Passow, Field Project Mngr.
Glendive, Montana - Phone 365-5296
Comp. Date - June 1, 1979

A three to nine man engineering crew worked 44 mandays this period. Seventeen mandays were spent cross-sectioning from station 434+00 to station 441+00 and getting profiles in irrigation ditches station 0+60 to station 433+00; six mandays were spent checking property ties and getting additional information for topography station 0+12 to station 170+00; two mandays were spent checking field notes; six mandays were spent plotting plan up to station 170+00; six mandays were spent plotting and checking centerline profile up to station 250+00 and seven mandays were spent working on irrigation data and notes. Flyline established and B.M. established remain 95% complete; centerline run remains 87% complete; cross-sections are 72% complete; topography is 56% complete; bridge situations are 36% complete, plan plotted is 28% complete, plotted profile is 41% complete, and field notes checked are 15% complete. A total of 1,159 mandays have been worked on the project making it 81% complete.

F-25-1(1), CIRCLE-NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977
Survey Started - January 6, 1978

John M. Berres, Eng. Off. I
Glendive, Montana - Phone 365-5296
Est. Comp. Date - September 1, 1979

Ground control for aerial survey was completed March 23, 1978. Mapping has been completed by the Photogrammetric Unit. Map sheets have been returned to the Division Office for placing centerline and cross sections wanted. To date eleven mandays have been used on placing centerline, placing cross section limits and picking cross section stations. Maps were returned August 2, 1978 for further processing by the Photogrammetric Unit. Six mandays used to date locating section corners and 4.5 mandays used on drainage recommendations.

F-42-1(1)0, FLOWING WELLS-NORTH
Length - 19.7 Miles
Survey Authorized - March 16, 1977

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Est. Comp. Date (Design) - Aug. 30, 1980

No work on this project during the past period. Design will be completed as soon as comments on P.I.H. Report are received. Design remains 68% complete with 9½ mandays used to date.

S-201-2(1)39, PRESSERVILLE-FAIRVIEW
Length - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

Gerald L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Est. Design Comp. Date - Dec. 31, 1979.

Design of this project remains 11% complete with 25 mandays used to date.

S-252-1(1), CIRCLE NORTHWEST
Length - 11.145 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Survey Resumed - January 24, 1978

Robert A. Passow, Field Project Mngr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - Dec. 29, 1978

A one to four man engineering crew worked 12 mandays this period. Eight mandays were spent on Land Corner Recordation Sheets and four mandays were spent on drainage recommendations. Flyline established, centerline run, B.M. established, cross-sections, topography, profile plotted, are 100% complete; section ties are 97% complete; plan plotted and bridge situations are 99% complete and drainage recommendations are 90% complete. A total of 964 mandays have een worked on this project making it 96% complete.

RS-253-2(1)36, BROCKWAY-SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 10, 1976.

S-323-1(1)47, ALZADA-EKALAKA
Length - 18.4 Miles Ground Control
Survey Authorized - March 4, 1970

Dennis C. Tenney, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Est. Comp. Date - November 30, 1978

During the past period one to two men used nine mandays on adjusting traverse for closure and plotting traverse. Horizontal control is 90% complete with elevations being 100% complete. A total of 351 mandays have been used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON COUNTY LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade Agg. Surf., Plant Mix Surf.
Signing and Structures
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976
Contract Awarded - March 31, 1976

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
H.D. Kelly, Fld. Proj. Mgr.-Rdwy.
C.H. Neiffer, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone 365-2877
Contract Time - 260 Working Days
Comp. Date - August 7, 1978
Effective Opening Date - July 27, 1978

The contract was completed on August 7, 1978, using 279 working days or 100% of the contract time. One engineer working on final estimate. Final estimate is 100% complete on Projects I-94-5(17)165 and I-94-5(18)174 and is 98% complete on project I-IG-94-5(14)181. Checking in the Division Office is 80% complete.

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE-EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guardrail, and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone - 365-2877
Contract Time - 240 Working Days
Comp. Date - October 31, 1977
Effective Opening Date - October, 1976

Contract was completed on October 31, 1977 using 233 working days or 95% of the contract time. Two engineers working on final estimate. Final estimate is approximately 98% complete.

I-94-6(29)226 UNIT 1
GLENDIVE WIBAUX CO. LINE WEST (EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1977
Amount of Contract - $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
Vic Scheuffele, Field Proj. Mgr.
Ken Quale, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Completion Date - May 16, 1978
Effective Opening Date - N/A

Contract was completed on May 16, 1978 using 151 working days or 87% of the contract time. One engineer working part time on final quantities. Final estimate is approximately 93% complete.

I-94-6(30)221 UNIT 1
WIBAUX COUNTY LINE-WEST (MIDDLE SECTION)
Length - 4.7 Miles
Grade, Related Items, and Dual Overpass
Contract Awarded - August 15, 1977
Amount of Contract - $1,418,195.30
Work Started - September 6, 1977

McIntyre Const. & S. Birch, Inc.
Box 2167, Great Falls, MT 59403
Bernard F. Kelly, Fld. Proj. Mgr.-Rdwy.
K.G. Quale, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Prob. Comp. Date - June 1, 1979
Effective Opening Date - N/A

Progress this past period has been poor. The bridge crew for McIntyre Const. & S. Birch, Inc. worked six 8-hour shifts employing four to eleven men. Four shifts were lost due to snow and cold weather. Work consisted of forming for and placing 12.7 cubic yards class "BD" concrete for curbing and end posts on the westbound lane structure. One hundred percent of the reinforcing steel for the eastbound lane deck slab has been tied in place. Items worked on this period are; class "BD" concrete 50% complete and reinforcing steel 94% complete. The bridge portion of this contract is estimated to be 84% complete. Sub-contractor, Swan & Sons, Inc. has temporarily suspended seeding operations until possibly in the spring when weather conditions will be more favorable. The seeding portion of the contract remains at 41% complete. The project as a whole is 84% complete with 155 working days used or 97.5% of the contract time elapsed. Construction layout with two to three men employed is estimated to be 80% complete.

IR-94-6(32)216, GLENDIVE-EAST
Length - 16.9 Miles
Plant Mix Bitum. Surf. Overlay With Seal
Cover & Reflective Cracking Fabric
Contract Awarded - August 25, 1978
Amount of Contract - $1,429,388.08
Work Not Yet Started

Earth Builders Inc.
Box 838, Bismarck, No. Dak. 58501
Robert A. Passow, Field Project Mngr.
Glendive, Montana - Phone 365-5296
Contract Time - 100 Working Days
Prob. Comp. Date - July 27, 1979
Effective Opening Date - N/A

IR-94-6(32)216, GLENDIVE-EAST (Continued...)

A one to five man engineering crew worked 20 mandays this period. Seventeen mandays were spent locating control points, referencing points and running centerline station 680+00 to station 100+00 and three mandays were spent on field notes. Contractor plans to begin work on this project in early 1979.

I-94-7(13)244, YATES ACCESS ROAD
Length - 2.2 Miles
Grade and Gravel
Contract Awarded - August 7, 1978
Amount of Contract - $130,470.18
Work Started - September 7, 1978

Swan & Sons Constr., Inc.
Box 111, Rte. 1, Anaconda, MT 59711
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 60 Working Days
Prob. Comp. Date - April 1, 1979
Effective Opening Date - N/A

Progress this past period has been poor. Four 9-hour, one 10-hour and one 8-hour shifts were worked employing a total of five men. Quantities to date are; salvaging and replacing topsoil, unclassified excavation, unclassified excavation borrow and drainage items are all 100% complete. Fencing items remain 90% complete. Three thousand eight hundred tons 1½" CBS Type A Grade 5 hauled for a total to date of eight thousand nine hundred twenty-nine tons or 99% complete. Construction layout with one engineer and two inspectors is 97% complete. Project as a whole is estimated to be 85% complete with 48 working days or 80% of the contract time elapsed.

F-27-2(1)44, BAKER-NORTH
Length - 10.3 Miles
Plant Mix Overlay
Contract Awarded - June 27, 1977
Amount of Contract - $617,681.20
Work Started - September 16, 1977

Meyer Construction Company
Box 1417, Billings, Montana 59101
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 90 Working Days
Prob. Comp. Date - April 1, 1979
Effective Opening Date - N/A

Project as a whole is 100% complete with the exception of the gravel pit reclamation which will be accomplished at a later date. Eighty-seven working days used or 96% of the contract time elapsed. Final estimate is 100% complete and has been checked in the division office.

RS-323-1(2)47, ALZADA-EKALAKA
Length - 3.2 Miles
Grade, Drain, Agg. Surf., Plant Mix Bitum.
Base Seal and Cover
Contract Awarded - May 31, 1977
Amount of Contract - $773,245.82

Earth Builders, Inc.
Box 838, Bismarck, No. Dak. 58501
Dennis C. Tenney, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 120 Working Days
Prob. Comp. Date - Nov. 17, 1978
Effective Opening Date - July 28, 1978

Progress this past period was poor. Contractor worked two 9-hour shifts employing two men. Work consisted of placing topsoil in gravel pit area. Seeding should be completed on November 16, 1978. The contract is 99.5% complete with 115 working days used or 96% of the contract time elapsed. Two engineers working part time this past period. Final estimate is 93% complete.

RS-394(3), WEBSTER WEST
Length - 10.036 Miles
Grade, Agg. Surf., & Prestressed Con. Girder Bridge
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Started - April 11, 1977

McIntyre Construction & S. Birch, Inc.
P.O. Box 2167, Great Falls, MT 59403
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - April 1, 1978
Effective Opening Date - June 12, 1978

PROGRESS REPORT

CONSTRUCTION

Project roadway was completed on June 12, 1978 and preliminary acceptance of the project was made on June 27, 1978. Final acceptance is dependent on final pit reclamation. Final estiamte is 100% complete and has been checked by the Divison Office.

Respectfully,

Robert D. Engebretson

For Bruce Russell, Supervisor -
Division Construction Section

BR:JMB:tap

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
November 17, 1978

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending November 17, 1978.

GENERAL

The first part of period was fairly warm with extremely high winds on 11-04-78. Received four to six inches of snow and temperatures have cooled considerably. Progress on road construction has been fair to good. Progress on off system road projects has been fair. The temperatures ranged from a low of 0 degrees to a high of 60 degrees.

PRECONSTRUCTION

F 1-8(3)490, Saco Flats-Flood
Approximately 2 Miles in Length
Authorized--06-08-78

Robert M. Hanson, Designer III
Wolf Point, Montana
653-1050
Design Started--08-31-78
Est. Compl. Date--11-24-78

Plan in hand inspection was completed on 10-24-78. Three man days were used on design for a total of 14 man days to date. Design is approximately 80% complete and proposed plans will be submitted to Helena next week.

F 22-2(01), Plentywood-South
Formerly F 193(22)
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-26-76
Survey Resumed--11-22-76
Survey Resumed--01-09-78
Survey Resumed--05-08-78

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--12-01-78
Design Started--09-01-78
Est. Compl. Date (PIH)--04-15-79

Percentages complete on the 10.1 mile survey are as follows: centerline, bench levels, profile, profile plotted, section ties, topography and cross sections 100%; drainage 75%. The project as a whole is 96% complete with 1,059 man days used to date. Division office personnel used 8 man days on design for a total of 30 man days used to date. Design is 6% complete.

F 32-1(01)0, Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Authorized--11-04-76
Location Survey Started--01-11-77

Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Est. Compl. Date--12-15-78

Centerline, bench levels, topography and cross sections are 100% complete; section ties are 75% complete. Two man days were used this past period on drainage research. The survey as a whole is 93% complete with 492 man days used to date.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77
Location Survey Suspended--03-30-77
Location Survey Resumed--12-05-77
Location Survey Suspended--02-01-78

George L. Nelson, Fld Proj Mgr
Scobey, Montana
Est. Compl. Date--03-15-79

No work this past period. Percentages on the survey are as follows; centerline and bench levels 100% complete; topography 60% complete; section ties 40% complete; cross sections 10% complete. The project as a whole is 48% complete with 307 man days used to date. Survey suspended, crew transferred to other projects.

F 62-1(01), Missouri River Bridge-South of Culbertson
Formerly F 273(16)
Approximately 0.2 Mile in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--03-15-79

No work on bridge site survey this past period. Crew engaged on other projects. Survey suspended until crew is available.

CONSTRUCTION

F 1-8(1)457 & HHS 1-8(2)454
Dodson-Malta & Dodson-East
9.0 Miles in Length
Plant mix overlay, seal & cover
Contract Let--09-29-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--04-27-78
Bid Price--$537,518.34

Earth Builders, Inc.
Box 838
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Malta, Montana
Act. Compl. Date--08-10-78
Effective Opening Date--08-10-78

All items are 100% complete and final notes were submitted to the Division office on 08-25-78. Final is being held in the Division office pending approval of change order for gravel sources. Contractor worked five shifts shaping gravel pits for seeding.

F-TQF 1-9(3)537, F 1-9(5)542, HHS 1-9(6)541, & F 42-3(2)75, Glasgow-West
6.3 Miles in Length
Grading, aggregate surfacing, plant mix base and surfacing, storm sewers, signing, two 114.0' concrete slab bridges, seal & cover
Contract Let--08-24-78
Contract Awarded--08-25-78
Proceed Order Date--09-15-78
Work Started--09-26-78
Bid Price--$3,256.676

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Dale DeVore, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days--180
Prob. Compl. Date--06-80
Effective Opening Date--

All utility relocation work is complete except for Montana Power relocating luminaires. No work performed by prime contractor this past period. The engineering layout percentages are: slope staking 100%, centerline 100%, bench levels 100%, referencing points 90% and R/W line 31%. Layout as a whole is 32% complete. Six engineering personnel assigned to project. Structures: The subcontractor, Sletten Construction Co. has made fair to good progress this past period. The structure over Cherry Creek has been removed and 92% of the structure excavation is complete. Test pile have been driven for all five bents and work is in progress driving service pile. At the Cherry Creek Overflow site, the structure has been removed, 100% of the structure excavation is complete, all test pile and service pile have been driven. Concrete has been placed for bents 1, 4 and 5 footings. Work is in progress preparing form work for footings bents 2 and 3. Percentages complete for the structures are: structure excavation 95%, test pile 100%, service pile 51% complete, AD conc. 13%. Structures as a whole are 18% complete. Contractor employed ten men on nine 8-hour shifts this past period. Lost one day to weather. Two engineering personnel assigned to structures.

F 1-0(6)611, Poplar-Brockton
14.5 Miles in Length
Plant mix overlay, seal & cover
Contract Let--07-27-78
Contract Awarded--08-07-78
Proceed Order Date--08-28-78
Work Started--08-17-78
Bid Price--$924,348.70

Gus M. Albert
Miles City, Montana
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--100
Prob. Compl. Date--07-01-79
Effective Opening Date--

Progress good. Seven men on gravel crew worked three 9-hour shifts and completed crushing and stockpiling plant mix aggregate on 11-03-78 out of pit Lab No. 502986-88. 25 men on plant mix and paving crews worked six 9-hour shifts placing grade C plant mix surfacing on the roadway. Shut down all paving for the season on November 9, 1978, because of winter weather conditions. Items and percent complete are: crack sealing 100%; crushing and stockpiling ½" cover aggregate and plant mix aggregate 100%; Grade C plant mix surfacing 62%. The project as a whole is 44% complete with 49 days or 49% of the contract time elapsed. The construction layout is 90% complete with a five-man engineering crew assigned to the project.

F-FLH 25-2(2)47 & HHS 1-9(7)565
S.E. Section of the Circle-Wolf Point Road & Frazer-West
12.6 Miles in Length
Grading, aggregate surfacing, plant mix bituminous surfacing, signing, lighting traffic signals & a 71.25' prestressed concrete girder bridge
Contract Let--09-29-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--10-13-77
Bid Price--$2,107,378.17

Wickens Brothers
Lewistown, Montana
Duane J. Novakovich, Fld Proj Mgr
653-1050
Working Days--150
Prob. Compl. Date--12-01-78
Effective Opening Date--09-18-78

Bridge rail remains to be completed. Two contractor employees worked one 4-hour shift. Project is 99% complete with 84% of the contract time elapsed. One to six engineering personnel are engaged on the project.

F 32-2(1)65, Port of Scobey
0.141 Mile in Length
Grading, plant mix bituminous base, seal & cover
Contract Let--11-17-77
Contract Awarded--12-15-77
Proceed Order Date--04-17-78
Work Started--05-18-78
Bid Price--$65,360.85

Earth Builders, Inc.
Bismarck, North Dakota
Dale DeVore, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days--45
Prob. Compl. Date--12-15-78
Effective Opening Date--06-20-78

No work in progress. The project is complete except for minor cleanup and seeding. A total of 35 working days has been used to date or 78% of the contract time. The project is 97% complete. No personnel have been assigned to the project this past period.

TQF 32-1(2)0, Macon-North & South
6.2 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base, plant mix bituminous surfacing, fencing & signing
Contract Let--06-22-78
Contract Awarded--06-23-78
Proceed Order Date--07-14-78
Work Started--10-23-78
Bid Price--$1,587,913.95

Hilde Construction Co.
Great Falls, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--150
Prob. Compl. Date--06-01-79
Effective Opening Date--

Progress was good. 35,000 cu. yds. of uncl. exc. was moved or 22% complete. 20,000 cu. yds. of uncl. borr. exc. was moved or 16% complete. 14,000 cu. yds. of topsoil was removed for a total to date of 19,000 cu. yds. or 15% complete. C.S.P. installations are 25% complete. Fencing remains at 30 rods or 2% complete. Sixteen contractor employees worked nine 9-hour shifts. Project is 5% complete with 52% of the contract time elapsed. One to six engineering personnel are engaged on the project.

F 62-1(2)1, Sidney-Culbertson
6.7 Miles in Length
Grading, plant mix bituminous base, plant mix bituminous surfacing and signing
Contract Let--07-28-77
Contract Awarded--08-05-77
Proceed Order Date--08-26-77
Work Started--08-11-77
Bid Price--$2,272,925.24

William Clairmont, Inc.
Bismarck, North Dakota
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--180
Prob. Compl. Date--11-30-78
Effective Opening Date--08-21-78

Four men on fencing and concrete crew worked eight 7-hour shifts this past period. Completed placement of all "DD" concrete on 11-07-78 and completed all but some minor fencing on 11-09-78. Snow and cold weather halted all work on 11-09-78 with only one day of fencing remaining to complete the project which is expected to be performed during the week of 11-20-78. The project is 99% complete with 153 days or 84% of the contract time elapsed. The construction layout is 100% complete with a five-man engineering and inspection crew assigned to the project.

RS 248-4(2)18, Opheim-Scobey
Formerly S 8(12)
4.4 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base and widening timber bridge
Contract Let--05-26-77
Contract Awarded--06-16-77
Proceed Order Date--07-07-77
Work Started--06-30-77
Bid Price--$669,459.08

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Scobey, Montana
Working Days--110
Prob. Compl. Date--11-30-78
Effective Opening Date--08-04-78

All items are 100% complete with the exception of seeding and fertilizing the gravel pit. The project as a whole is 99% complete with 91% of the contract time elapsed. Final notes were submitted to the Division office on 09-27-78 and returned on 10-03-78. No personnel presently assigned to the project.

TQS 250-1(2)37, Wolf Point N & E Loop (North Section)
6.0 Miles in Length
Aggregate surfacing and plant mix bituminous base
Contract Let--08-11-77
Contract Awarded--08-15-77
Proceed Order Date--09-06-77
Work Started--08-31-77
Bid Price--$392,435.60

Gus M. Albert
Miles City, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--100
Act. Compl. Date--08-17-78
Effective Opening Date--08-17-78

Project is 100% complete with 42% of the contract time elapsed. Final supporting data was turned into the Division office on 11-08-78. Checking by Division office personnel is 99%. Final estimate will be submitted to Helena next week.

Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:BH:psb
cc: Field Project Managers
Don Williams
Leroy Anderson
File

Div. 4230--5

DEPARTMENT OF HIGHWAYS
Billings, Montana

November 17, 1978

CONSTRUCTION BUREAU

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the period ending November 17, 1978.

GENERAL

Temperatures ranging from +10 to +50 degrees prevailed with 9 inches of precipitation received during the reporting period. Progress on construction projects was good during most of the period. Heavy snow on November 9, 1978, shut down construction projects at least temporarily.

PRECONSTRUCTION

FI-90-9(50)485 7 Mi. West of Hardin
Length 0.1 Miles
Survey Authorized 6-8-78
Work Not Started

Engineer Unassigned
Probable Completion Date 12-29-78

Work on this survey will begin when personnel are available.

F 4-1(2)26 Bridger - Fromberg
Length 7.6 Miles
Design Received 5-26-78
Design Started 7-12-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 10-31-81

No work was accomplished on this project during the past reporting period. Design work is 2% complete and the estimated completion date is October 31, 1981.

M 1020(1) 1st Ave. North
Billings-Division St. to 22nd St.
Length 1.1 Miles
Survey Authorized 2-10-75
Work Started 1-3-78

Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Probable Completion Date 3-1-79

No personnel were assigned to the project this period and the survey remains 52% complete with 315 man days expended.

RS 416-1(1) Billings-South
8.2 Miles
Designer Started 2-14-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 6-29-79

No work was accomplished on this project during the past reporting period. The Geology Unit has been asked to review the area in the proposed line projection section, cross sections will be submitted to Helena in the next few days for their review. Design work is 19% complete and the estimated completion date is June 29, 1979.

AR 9562 Pryor Creek Bridge on Old U. S. 87
Length 0.4 Miles
Survey Authorized 10-17-78
Work Started 11-13-78

Roddo Bakich, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-78

A four man crew worked three days this period establishing centerline. The survey is 5% complete.

RS 306-1(1)0 Columbus - North
3.897 Miles Design Work
Design Received 3-30-77
Design Started 9-15-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-82

No work was accomplished on this project during the past reporting period. A winter drainage survey will be made on this project as soon as survey crews are available. Design work is 25% complete and the estimated completion date is April 1, 1982.

RS 308-1(4)9 Belfry - West
Length 5.4 Miles
Survey Authorized 8-25-78
Work Not Started

Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Probable Completion Date 5-1-79

Work on this survey will begin when personnel are available.

DP 384-2(1)41 Sarpy Creek Road (Center Section)
5.047 Miles Design Work
Design Received 9-77
Design Started 2-22-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 7-20-79

No work was accomplished on this project during the past reporting period. The estimated completion date has been changed to July 20, 1979, to allow the survey crews to complete the drainage survey and section corner relocation. Design work is 11% complete and the new completion will be July 20, 1979.

DP 37-1(1)8 Crow Agency-Busby Center Section
8.812 Miles Design Work
Design Started 2-28-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 3-30-79

Two men worked on this project during the past reporting period, plotting the proposed centerline on the work sheets for cross section printout. Contour work sheets and Mylar sheets will be submitted to Helena in the near future. Design work on the main section of this project is 7% complete. This project has been split near the area of the Tullock Creek Bridge, two man have been working on this section plotting templates, checking groundline grades and earthwork computations. Plans will be submitted to Helena for pre-Plan in Hand prints and right of way plans. Design work on this section is 45% complete. The Tullock Bridge section is about 0.426 miles in length. The estimated completion date of this section is March 30, 1979.

ERFO 463-1(2)078 Soap Creek Flood Repair
0.1 Miles in Big Horn County
Contract Let 11-1-78
Award Date Unknown

Raymond Schaak, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3666

No man days were expended on this project to date pending award of the contract.

DP 314-1(1) Decker-Wyoming Line
Length 3.8 Miles
Survey Authorized 5-8-78
Work Started 8-30-78

Raymond Schaak, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3666
Probable Completion Date 12-15-78

No work was done on the survey during this period. The survey is 5% complete and has been suspended until personnel are available to continue the work.

BN 103986 N - State Ave.-Billings
R.R. Signal Survey
0.2 Miles
Survey Authorized 2-17-78
Work Started 3-22-78

Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Completion Date 11-8-78

One man worked three days this period checking notes and making further searches for property pins. The survey is 100% complete and was submitted to Helena on November 8, 1978. This will be the final report.

CONSTRUCTION

I 90-8(80)439 - Mossmain Weigh Station Revision
0.1 Miles, Revise
Approaches and Facilities
Contract Awarded 10-1-77
Amount of Contract $146,396.55
Proceed Order Date 10-25-77
Work Started 6-2-78

Empire Sand & Gravel Co., Inc.
Billings, Montana
Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 40 Working Days
Completion Date 8-1-78
Effective Opening Date: N/A

All work on the project has been completed on August 1, 1978, and the Certificate of Completion was sent in on August 11, 1978. One man has worked approximately three man days in the office checking final quantities, notes, and data for the final estimate which should be in the Division office on approximately December 15, 1978.

IR 90-8(82)396 Columbus E. & W.
13.1 Miles
Pl. Mix Bit. Seal
Stillwater County
Contract Awarded 5-31-78
Amount of Contract $846,632.70
Proceed Order Date 6-21-78
Work Started 8-21-78

Empire Sand & Gravel Co., Inc.
Billings, Montana
Roddo Bakich, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 70 Working Days
Completion Date 10-8-78
Effective Opening Date: N/A

Two persons are assigned to the project computing final estimate quantities. We are waiting for some equipment rental rates which are to be determined by the Helena office for two EWO's we have to complete. The final estimate will be submitted upon completion of the EWO's.

I 94-1(37)50 U2 & I 94-2(20)51
Big Horn River East and West
5.9 Miles-Grading, Agg. Surf., Pl. Mix, Bit Surf.
117.25' Structure
Contract Awarded 12-15-77
Amount of Contract $1,848,510.69
Proceed Order Date 4-17-78
Work Started 2-9-78

Earth Builders, Inc., Bismarck, N.D.
John Miner, F.P.M.-Roadway
Donald Taylor, F.P.M.-Structure
Custer, Montana
Phone No. 635-4651
Contract Time: 160 Working Days
Probable Completion Date 8-1-79
Effective Opening Date:

Progress has been only fair this reporting period. The contractor continued surfacing operations and placed 15,445 tons of 1-1/2" Base Crse. Gr. 2A and 1,527 tons of 3/4" Gr. 3B on the I 94-2(20)51 portion of this project. The contractor employed fourteen men and worked six shifts and lost four shifts due to inclement weather. The seeding sub-contractor worked one 8-hour shift, employed two men and seeded 2.7 acres of area two slopes. The sub-contractor, COP Construction Company, worked eight 8-hour shifts and employed an average of six men. Concrete was placed for the span 3 deck slab on November 7, 1978. The structure is 82% complete. Four employees are assigned to the project for inspection, structure layout and documentation. Structure layout is 85% complete. Percentage complete of various items are as follows: Grading 98%, Drainage 93%, Signing 0%, Surfacing 54%, Fencing 51%, Structure 82% and Project as a whole 73%. 122 of the allotted 168 Working Days have now been used, making 73% of the contract time elapsed. Nine employees are presently assigned to these projects. Construction layout remains at 79% complete.

I 94-1(37)50 Unit 1
Structure and Approaches - Big Horn River 0.22 Miles Yellowstone & Treasure Co.
Contract Awarded 2-28-77
Amount of Contract $1,007,315.91
Proceed Order Date 4-18-77
Work Started 4-8-77

Sletten Construction Co.
Great Falls, Montana
Donald Taylor, Fld. Project Mgr.
Phone No. 635-4651
Custer, Montana
Contract Time: 210 Working Days
Completion Date 10-28-78
Effective Opening Date: N/A

The project is complete. Work being done on the final estimate. The project as a whole is 100% complete with 193 working days or 92% of the contract time elapsed. Construction staking is 100% complete and computations are 99% complete. Seven man days have been charged to the project during this newsletter period.

M 1018(2) & M 1099(2) U2
Interim Couplet 4th & 6th Ave. N.-Billings
Gr. Agg. Surf., Pl. Mix Surf., Signs and Signals
Contract Awarded 10-20-76
Contract Amount $128,510.00
Proceed Order Date 4-18-77
Work Started 3-16-77

Midland Electric Co.
Billings, Montana
Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 90 Working Days
Completion Date 6-10-78
Effective Opening Date: N/A

All work on the project was completed on June 10, 1978, and the Certificate of Completion was issued on June 23, 1978. One man has worked seven man days in the office on the final estimate and supporting data which should be in to the Division office on approximately November 17, 1978.

RS TQS 308-1(3)0 Red Lodge-E. (2nd Section)
4.4 Miles
Grade, Drain, Agg. Surf., PMBB & PMBS Overlay
Carbon County
Contract Awarded 5-31-78
Amount of Contract $1,159,537.03
Proceed Order Date 6-21-78
Work Started 6-19-78

Wickens Brothers
Lewistown, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date 9-15-79
Effective Opening Date:

Wickens Brothers worked one 9-hour shift per day with twenty-three men employed. The contractor moved 19,713 Cu. Yds. of Unclass. Exc. for a total to date of 469,713 Cu. Yds. The contractor has been placing topsoil. Grading Items are 97% complete. The contractor hauled 2,053.6 tons of 1-1/2" Crushed Base Course to the roadway for a total to date of 22,973.8 tons. Surfacing Items are 20% complete. The contractor placed 6.8 Cu. Yds. of Class DD Concrete at pipe ends and installed 800' of 8" CSP Underdrain. Drainage Items are 82% complete. The contractor worked on Fencing Items. Fencing Items are 86% complete. The contractor drill seeded 20 acres and hydro-seeded 3.75 acres. Seeding Items are 32% complete. A ten man engineering crew has been working on construction layout, computing quantities and inspecting construction. Construction layout is 69% complete. The project is 61% complete with 54% of the contract time elapsed.

TQS 308-1(2)4 Red Lodge - Belfry
3.0 Miles - Grading, Agg. Surf.,
Bit. Base, Signing, in Carbon County
Contract Awarded 4-1-77
Contract Amount $1,122,589.78
Proceed Order Date 4-29-77
Work Started 5-4-77

Rehbein Contracting, Inc.
Plains, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Completion Date 10-13-78
Effective Opening Date: 10-15-77

The project was completed on October 13, 1978. The estimated date for the submittal of the final is December 15, 1978. No engineering personnel were assigned to the project during this period.

RS TQS 384-1(2)19 Hardin-Sarpy Creek
11.6 Miles
Grade, Drain, Agg. Surf. and PMBB
Big Horn and Treasure Counties
Contract Awarded 5-31-78
Amount of Contract $2,507,018.45
Proceed Order Date 6-21-78
Work Started 7-18-78

McIntyre Const. Co. & S. Birch, Inc.
Great Falls, Montana
Donald Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 200 Working Days
Probable Completion Date 8-1-79
Effective Opening Date:

Progress this reporting period has been good. The contractor was shut down three days this reporting period due to snow. Work in progress this reporting period consisted of grading, drainage and surfacing. Grading is being done from Sta. 1175+48.4 to Sta. 1233+90.4 and from Sta. 1265+50 to Sta. 1315+96.2. Topsoil is being placed from Sta. 1360+00 to Sta. 1400+00. Culverts are being installed from Sta. 1162+00 to Sta. 1642+00. 1-1/2" Base Course was placed from Sta. 1461+00 to Sta. 1611+22. The contractor has changed pits and is crushing and stockpiling 1-1/2" Base Course. The contractor began working two 9-hour shifts per day on November 7, 1978, and worked a total of nine 9-hour shifts with fifty-eight men employed this reporting period. The Miscellaneous Items are 27% complete. The

RS TQS 384-1(2)19 Hardin-Sarpy Creek Continued

Grading Items are 53% complete. The Drainage Items are 82% complete. The Surfacing Items are 6% complete. The Fencing Items remain 69% complete. The project as a whole is 36% complete with ninety working days of the 201 allowed having been used or 44% of the contract time elapsed. Two men are assigned to grading inspection. One man is assigned to drainage inspection. One man is assigned to the office. Three men are assigned to surfacing inspection. One five man survey crew worked nine days this reporting period bluetopping the mainline subgrade, measuring seeding areas and topsoil piles. Subgrade has been bluetopped from Sta. 1310+00 to Sta. 1646+75.6 for a total of 55% complete. Engineering layout is 71% complete.

RS 311-2(3)11 Myers Bridge - N.W.
4.9 Miles Grade, Gravel, Drain, Pl. Mix Base and 81.25' Structure - Treasure County
Contract Awarded 6-6-77
Amount of Contract $818,564.06
Proceed Order Date 6-27-77
Work Started 6-16-77

Wickens Brothers, Contractors
Lewistown, Montana
John Miner, Fld. Project Mgr.
Custer, Montana
Phone No. 635-4651
Contract Time: 120 Working Days
Completion Date 10-27-78
Effective Opening Date: 11-15-77

The project has been completed and all items are complete. Two employees are working up final quantities.

HHS 1022(1) 1st Ave. No. & No. 13th St.-Billings
Modify Existing Signals
0.0 Miles
Yellowstone County
Contract Awarded 6-23-78
Amount of Contract $3,296.00
Proceed Order Date 7-14-78
Work Started 11-4-78

Midland Electric Co.
Billings, Montana
Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 5 Working Days
Completion Date 11-4-78
Effective Opening Date: N/A

The contractor started and completed the project on November 4, 1978. The project was accepted as complete on November 8, 1978. One engineer inspected the project. The contractor used one of the five allotted working days, or 20% of the contract time.

HHS 16-1(1)0 Cerise Rd.-Billings
0.8 Miles
Grade, Agg. Surf. and Drain
Yellowstone County
Contract Awarded 5-31-78
Amount of Contract $182,726.60
Proceed Order Date 6-21-78
Work Started 7-11-78

Barry O'Leary, Inc.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 40 Working Days
Probable Completion Date 5-1-79
Effective Opening Date:

As of this date, November 13, 1978, the project is six working days into overtime. The contractor worked eight 9-hour shifts with twenty-three men employed this past two weeks. The 1-1/2" Gravel Operation work consisted of hauling and placing gravel on the Steffes Road and the widening of Lockwood Road to Steffes Road intersection for 92% complete. The 3/4" Gravel Operation work consisted of hauling and placing gravel on the Cerise Road, Steffes Road and the widening of Lockwood Road to Steffes Road intersection for 78% complete. The Plant Mix Operation work consisted of placing mix on the right side of the widening of Lockwood Road to Steffes Road intersection for 75% complete. The project as a whole is 87% complete with 100%

HHS 16-1(1)0 Cerise Rd.-Billings Continued
plus of the contract time elapsed including the extension time. There are nine men assigned to the project on inspection and related office work.

PMS 4140(52) Unit 2, 5, 9, 10 and 12
Pavement Markings at Various Intersections in Billings, Sidney, Glendive, Baker, Circle, Lewistown, Miles City, Lame Deer, Malta, Poplar, Wolf Point, Saco & Culbertson
Contract Awarded 3-31-78
Amount of Contract $174,420.36
Proceed Order Date 4-21-78
Work Started 5-22-78

Pacemaker Industries, Inc.
Spokane, Washington
Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 120 Working Days
Completion Date 8-25-78
Effective Opening Date: N/A

All work on the project was completed on August 25, 1978, and the Certificate of Completion sent in on August 28, 1978. The final quantities are 95% checked in the Division office. Estimated submittal date to Helena is December 1, 1978.

TQF 9010(24) 27th Street-Billings
0.2 Miles
Street Reconstruction & Traffic Control Devices
Yellowstone County
Contract Awarded 5-31-78
Amount of Contract $195,926.50
Proceed Order Date 6-21-78
Work Started 7-10-78

COP Construction Co.
Billings, Montana
Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 60 Working Days
Probable Completion Date 5-30-79
Effective Opening Date: N/A

The contractor, COP Construction Company, has worked one shift placing overlay asphalt and painting traffic stripes. All items on the project are 100% complete with the exception of signing items and plastic striping which cannot be completed until the weather becomes suitable in the spring. Contract time elapsed is 55 working days, or 89% to date. Two additional working days have been awarded for change orders and extra work orders, leaving a total of seven working days remaining. The project as a whole is approximately 95% complete.

Respectfully Submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK:JBR:er

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
November 17, 1978

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending November 17, 1978, for Division 5230 - Miles City, Montana.

GENERAL

Mostly cloudy skies and below normal temperatures prevailed during the period. 6" to 12" of snow were received November 9th and 10th. Temperatures ranged from -8° to 72°. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

F 23-1 (2) 1 - Miles City-South (South Section)
Length - 6.9 Miles
Survey Started: January 3, 1978
Survey Suspended: June 2, 1978

R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Dec. 30, 1978

No work was performed on this project during the period. To date, centerline and levels have been run and section ties made on 6.9 miles or 100% complete. Topography has been taken on 6.6 miles or 95% complete. Cross sections have been taken on 4.4 miles or 64% complete. Plan has been plotted on 6.2 miles or 90% complete. 372 man-days have been used. The survey as a whole is 75% complete.

F 23-2 (3) 80 - Bridges
Southeast of Broadus
Length - Approx. 1.0 Mile
Survey Not Started

D. F. Borer, Fld. Proj. Mngr.
Prob. Compl. Date: March 15, 1979

Authorization to make this location survey was issued August 25, 1978. Work will be started when engineering personnel are available.

DP 39-1 (3) 38 - Colstrip to I-94
(Armell's Creek - North and South)
Design Started: November 21, 1977
Length - 6.4 Miles

A. D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: July 1, 1979

Work in progess during the past period consisted of working on drainage and approach roads. 13 man-days were used during the period, making a total of 98 man-days. Design as a whole is 26% complete.

S 447-1 (1) 29 - 8 Miles So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977
Survey Suspended: March 4, 1977

D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Prob. Compl. Date: May 20, 1979

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 mile or 1% complete. The survey as a whole is 30% complete.

RS 544-1 (1) 26 - Boyes-South
Length - Approx. 7.9 Miles
Survey Started: November 17, 1975

D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Prob. Compl. Date: Dec. 31, 1978

Work in progress during the past period consisted of taking cross sections of 0.2 mile and running drainage areas on 7.9 miles. To date, centerline and levels have been run, bench marks established, and cross sections taken on 7.9 miles or 100% complete. Topography has been taken on 6.0 miles or 76% complete. 8 man-days were used making a total of 253 man-days. The survey as a whole, with a five-man engineering crew engaged is 80% complete.

DP 566-1 (1) - Tongue River Bridge
and Approaches S.W. of Birney
Length - 0.5 Mile
Design Started: June 20, 1978

A. D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Jan. 27, 1979

No work was performed on this project during the past period. The plan-in-hand and public hearing have been scheduled for December 12, 1978, in Birney, Montana. Design remains 50% complete with 49 man-days used.

M 8004 (1) - Montana Avenue (Miles City)
Length - 1.1 Miles
Survey Started: January 3, 1978

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Dec. 29, 1978

No work was performed on this location survey during the past period. To date, centerline and levels have been run, cross sections and topography taken, section ties made, drainage areas run, field notes checked, plan and profile plotted on 1.14 miles or 100% complete. 136 man-days have been used. The survey as a whole is 98% complete.

M 8008 (1) - Haynes Avenue (Miles City)
Length - 1.0 Mile
Survey Started: March 6, 1978

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Dec. 29, 1978

No work was performed on this project during the past period. To date, centerline and levels have been run, cross sections and topography taken, and section ties made on 1.0 mile, or 100% complete. Plan has been plotted on 0.5 mile or 50% complete. Field notes have been checked on 0.5 mile or 50% complete. 101 man-days have been used. The survey as a whole is 80% complete.

CONSTRUCTION

I 94-3 (29) 90 U-2 - Forsyth-East and West
Length - 5.745 Mi. Grade., Gravel Surf.
Pl. Mix Bit. Surf., Fencing, Sign., 254.5'
West Interchange Structure, and 304.5' South
Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RES 384 (8) - U.S. 12-I. Conn.-Forsyth
Length - 0.306 Mi. Grade., Gravel Surf.
Pl. Mix Surf., Sign., and 233.0' BN
Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
R. R. Garland, Fld. Proj. Mngr.
(Roadway)
W. D. Dane, Fld. Proj. Mngr.
(Structure)
Forsyth, MT - Tel. No. 356-2230
Contract Time: 300 Working Days
Prob. Compl. Date: April 15, 1979
Effective Opening Date: Oct. 4, 1977

All items are completed with the exception of shrubs and trees. The establishing period for these items is September 1, 1978. Shrub replacement remains to be completed. The contract as a whole is 99% complete with 85% of the contract time elapsed. A one-man engineering crew is working on final data.

I 94-3 (27) 114 - Hathaway-East and West
Length - 5.6 Miles Grading, Aggregate
Su facing, Plant Mix Bit. Surf., and
244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Contract Time: 200 Working Days
Act. Compl. Date: Oct. 22, 1977
Effective Opening Date: July 22, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 22, 1977. Formal inspection and acceptance were made October 24, 1977. The final estimate was submitted to Helena November 9, 1978. This will be a final report.

F-TOF 23-3 (2) 119 - Broadus-Wyoming Line
Length - 20.4 Miles Plant Mix Overlay
Contract Let: April 27, 1978
Proceed Order: May 22, 1978
Amount of Contract: $1,580,737.80
Work Started: August 21, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Contract Time: 90 Working Days
Prob. Compl. Date: July 1, 1979
Effective Opening Date: Oct. 10, 1978

No work was performed on this project during the past period. All major work has been completed with the exception of seal and cover which will be done during the 1979 construction season. The project as a whole is 93% complete with 97% of the contract time elapsed.

F-TQF 39-1 (12) 3 - Lame Deer-Colstrip
(South Section)
Length - 9.7 Miles Reshaping, Pl. Mix
Overlay, Reflective Cracking Fabric, and
Delineation
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $1,048,140.10
Work Started: May 8, 1978

R. J. Studer & Sons Co., Contractor
Billings, Montana
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 125 Working Days
Act. Compl. Date: Nove. 8, 1978
Effective Opening Date: Aug. 25, 1978

All items were completed in conformance with Plans, Specifications, and Special Provisions, November 8, 1978. Formal inspection and acceptance were made November 13, 1978. The final estimate, with a two-man engineering crew engaged, is currently 70% complete and will be submitted to the Division Office about December 29, 1978.

F-TQF-DP 39-1 (5) 44 U-1 - Colstrip to I-94
(North Section)
Length - 7.0 Miles Grade., Agg. Surf., and
Plant Mix Surfacing
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $2,397,998.99
Work Started: June 20, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
R. R. Garland, Fld. Proj. Mngr.
Forsyth, MT - Tel. No. 356-2230
Contract Time: 200 Working Days
Prob. Compl. Date: July 1, 1979
Effective Opening Date:

Progress during the past period has been good. 16,000 cubic yards of unclassified excavation were moved making a total of 666,000 cubic yards or 85% complete. 31,640 tons of 1½" crushed base surfacing were placed making a total of 89,232 tons or 26% complete. 386 lineal feet of R.C.P. culvert were placed making a total of 5,240 lineal feet or 83% complete. 38 rods of fence were installed making a total of 3,724 rods or 82% complete. The contractor worked five 9-hour shifts with about 53 men employed. The project as a whole is 47% complete with 57% of the contract time elapsed. Traffic is traveling through grading and gravel operations for 3.7 miles on the north end of the project. Construction layout, with a 12-man engineering crew engaged, is 75% complete.

F-TQF-DP 39-1 (5) 44 U-2 - Colstrip to I-94
(North Section)
Two 17.5' and one 11.5' Timber & Conc. Stockpasses
Contract Let: May 25, 1978
Proceed Order: June 21, 1978
Amount of Contract: $112,229.05
Work Started: August 10, 1978

Earth Builders, Inc., Contractor
Bismarck, North Dakota
W. D. Dane, Fld. Proj. Mngr.
Forsyth, MT - Tel. No. 356-2230
Contract Time: 60 Working Days
Prob. Compl. Date: Jan. 15, 1979
Effective Opening Date:

Progress during the past period has been poor. Caps have been erected at 1374+69. The deck slab was poured at 1610+75. The contractor worked six 8-hour shifts during the period with an average of four men employed. The project as a whole is 51% complete with 95% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 95% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf., and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles S.E. of Miles City-N.W.
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 180 Working Days
Act. Compl. Date: Oct. 25, 1977
Effective Opening Date: July 19, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 25, 1977. Formal inspection and acceptance were made November 2, 1977. The final estimate was submitted to the Division Office January 16, 1978, and is currently 91% complete.

RF 157 (28) - Cohagen-South
Length - 5.433 Miles Grading, Agg. Surf., & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 160 Working Days
Act. Compl. Date: May 25, 1978
Effective Opening Date: Nov. 9, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, May 25, 1978. Formal inspection and acceptance were made May 25, 1978. The final estimate was submitted to the Division Office June 1, 1978, and is currently 90% complete.

RS 0005 (61) - Signing Secondary Routes
(Powder River County)
Contract Let: July 27, 1978
Proceed Order: September 27, 1978
Amount of Contract: $10,576.80
Work Started: September 27, 1978

One Way Sign Company, Contractor
Billings, Montana
C. D. Murrary, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 25 Working Days
Act. Compl. Date: Oct. 18, 1978
Effective Opening Date: N/A

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 18, 1978. Formal inspection and acceptance were made October 18, 1978. The final estimate is 75% complete and will be submitted to the Division Office about December 1, 1978.

SOS 44 (3) U-1 - Hammond Valley Road
(Rosebud County)
Install Dbl. 12'-10" x 8'4" Pipe Arch
Contract Let: August 21, 1978
Amount of Contract: $61,920.00
Work Started: October 11, 1978

Flynn Co., Inc., Contractor
Billings, Montana
C. D. Murray, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Compl. Date: Nov. 30, 1978
Prob. Compl. Date: Dec. 15, 1978
Effective Opening Date:

Poor progress during the period. The contractor worked seven 8-hour shifts with five men employed installing the double 12'-10"S x 8'-4"R x 90" pipe arch. Work completed to date consists of removal of the existing structure, construction of a detour, hauling and placing 500 cubic yards of bedding material and hauling and stockpiling 50 cubic yards of rip-rap. A review of the project by the Helena Hydraulics Unit was made October 27, 1978, and it was decided to add a 120" culvert to the planned installation. The project as a whole is 46% complete. Construction layout, with a one-man engineering crew engaged, is 60% complete.

Kenneth G. Rapp, P. E.,
Supr.-Div. Constr. Section

KGR:DM:rjs
cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

NOVEMBER 17, 1978

State of Montana
Department of Highways
Helena, Mt. 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of November 4, 1978 through November 17, 1978.

GENERAL

The temperature varied from 67°F above to 11°F below zero with 0.82 inches of precipitation recorded. Roads are in good winter travel condition.

PRECONSTRUCTION

RF 14-2 (01)75 Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1/4/71
Survey Completed:

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: Fifteen man-days were expended the past reporting period completing the field work on section ties. Section ties are 80% complete.

Two Dot-West: The P.I.H. was held August 31, 1977. P.I.H. changes remain 50% complete. The design as a whole is 60% complete with 304 man-days expended to date. The design has temporarily been suspended pending Hydraulics recommendations.

RS 236-1 (01)49 PN-Lohse Ferry Bridge & Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been done on the project during the past reporting period. A Plan-In-Hand meeting was held in the Division Office and on the project on September 6, 1978 in order to resolve the Historical District impact problems and Alignment choice. To date 606 man-days have been expended on the location survey.

RS 294-1 (01) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8/30/74
Survey Completed:

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project the past reporting period as personnel are presently working on construction projects in the Lewistown area.

F 57-2 (2) 33 Stanford East and West
Approximate Length: 13.3 Miles
Survey Authorized: 9/28/76 & 10/24/77
Survey Suspended: 4/6/77

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been accomplished this reporting period. Centerline established, Bench Marks established and Check Levels run are 100% complete. Topography taken is 95% complete. Cross-sections taken are 59% complete, Plan plotted is 38% complete; Profile plotted is 57%, drainage and bridge surveys are 10% complete and Field notes checked are 57% complete. A total of 826 man-days have been expended and the survey as a whole is 58% complete.

F 57-3 (03) 122 Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/15/72
Survey Started: 11/25/74

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was accomplished in the field this reporting period. Section Ties remain 33% complete. The survey as a whole is about 85% complete with a total of 555 man-days expended to date.

DESIGN: Tracing plan and profile linens remain 80% complete. Preliminary grades are 90% complete. Two man-days were used laying preliminary grades for 100% complete. The design as a whole is 15% complete with 31 man-days expended to date.

RS 0005 (57) Musselshell County
Signing Graveled Secondaries
Approximate Length: 17.3 Miles
Survey Authorized: 6/28/77
Survey Started:

Unassigned at this time

Plan-In-Hand was held September 28, 1978. The County has elected to erect the signs on this Project.

RS 0005 (68) Fergus County
Signing Graveled Secondaries
Approximate Length: 45.5 Miles
Survey Authorized:
Survey Started:

Unassigned at this time

No work on this project to date.

RS 000S (69) Judith Basin County — Unassigned at this time
Signing Graveled Secondaries
Approximate Length: 23.2 Miles
Survey Authorized:
Survey Started:

No work on this Project to date.

M 7106 (3) Spring Street 8th-11th, Lewistown — HKM Associates
Approximate Length: 1100.0 Feet — Consulting Engineers
Survey Authorized: 12/6/76 — Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete. Final Plan-In-Hand held September 18, 1978.

M 7106 (1) 4th Avenue - Lewistown — HKM Associates
Approximate Length: 0.4 Miles — Consulting Engineers
Survey Authorized: 9/28/76 — Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete. Final Plan-In-Hand held September 18, 1978.

M 7103 (1) Airport Road - Lewistown — Mitch J. Miller
Approximate Length: 1.4 Miles — Designer III
Survey Authorized: 12/6/76 — Lewistown, Montana
Survey Started: 12/12/77
Survey Suspended: 12/16/77
Survey Resumed: 5/9/78

All location and supporting data was submitted to the Division Design Section on June 16, 1978. Plotting and inking cross-sections, inking plan and profile linens are 100% complete. The design as a whole is 12% complete with nine man-days expended to date.

RS 245-1 (1) 6 Miles Northwest-Jordan — Charles W. Buck
Approximate Length: 8.0 Miles — Field Project Manager
Survey Authorized: 9/28/76 — Lewistown, Montana
Survey Started: 5/1/78 — Telephone: 538-8731

No work was performed on this project this reporting period. All items remain as previously reported. Centerline has been re-established and is 100% complete; locating bench marks is 25% complete, sixty-four percent of the R/W 72 Authorization Forms have been signed by the respective owners and returned to the Division Office. Twenty-five man-days have been expended to date with the survey as a whole about 5% complete.

RS 297-1 (01) 9 Hedgesville-North — Charles W. Buck
Approximate Length: 18.0 Miles — Field Project Manager
Survey Authorized: 1/31/78 — Lewistown, Montana
Survey Started:

No Field Work was performed this reporting period. Four man-days were expended this reporting period establishing land ownerships along the proposed route, for a total of twelve man-days expended to date establishing Land Ownerships.

S 238-1 (01) 0 Lewistown-South
Approximate Length: 2.7 Miles
Survey Authorized: 11/2/77
Survey Started: 4/13/78

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on May 25, 1978. The completed design was submitted to Helena for P.I.H. prints August 18, 1978. The P.I.H. was held September 7, 1978. Seven man-days were used making P.I.H. changes for 89% complete. The design as a whole is 76% complete with 88 man-days expended to date.

RS 294-1(02) 12 Lennep East & West
Approximate Length: 7.0 Miles
Survey Authorized: 5/24/77
Survey Started 7/5/78

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was accomplished on the survey this reporting period. Items and percentages of completion are as follows: centerline 100% complete; bench marks 100% complete; cross sections 100% complete; ownerships 100% complete; drainage areas 80% complete; bridge situation 80% complete and topography 100% complete. All other items are 0% complete. The overall survey is 80% complete with 500 man-days expended to date.

F 14-4 (2) 125 Pipe Failure - Ryegate
120" Diam. Pipe Failure near Ryegate
Approximate Length: none
Survey Authorized: 12/6/77

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been done on the project the past reporting period. Forty-six man-days have been expended to date on the location survey.

F 57-5(1) 171 Sand Springs-West
Approximate Length: 8.1 Miles
Survey Authorized:
Survey Started:

Carl W. Park
Field Project Manager
Winnett, Montana
Telephone: 429-6611

Survey is not authorized at this time.

F 14-4 (01) 129 Ryegate-East
Approximate Length: 12.1 Miles (Original)
Survey Authorized: March 17, 1972
Survey Started: May 17, 1973

Bruce Barrett
Field Project Manager
Harlowton, Montana
No Phone

Thirty-two man-days were expended the past reporting period establishing P.I.'s and major controls on the line change between stations 295+47 to 394+75. Major controls are 80% complete and centerline is 7% complete. The overall line change is 18% complete with 32 man-days expended to date.

ER 72 (21) Melstone - Mosby
F 57-4 (4) 158 Riprap Musselshell River
Flood Damage Repair
Petroleum & Garfield Counties
Contract Awarded: 12/15/77
Contract Amount: $244,414.26
Work Started: 3/16/78
Work Suspended: 3/21/78

Rehbein Contracting, Inc.
Plains, Montana
Carl W. Park
Field Project Manager
Winnett, Montana
Telephone: 429-6611
Contract Time: 60 Working Days
Probable Completion Date: 4/20/79
Effective Opening Date: Does Not Apply

Progress the past reporting period has been fair. Work consisted of placing 519 cu. yds. of Class 3 random riprap for 22% complete. Hauling riprap from rock quarry source and shaping 2:1 slope for riprap installation along river-bank between Sta. 190+00 and Sta. 201+50 is presently in progress. Contractor worked six eleven hour shifts and two ten hour double shifts with 13 to 16 men employed. Installation of Class 2 random riprap is 38% complete. All contract items are complete except for riprap, filter cloth and seeding. The project as a whole is 65% complete with 91% of the contract working days expended. Construction layout is 100% complete with a three man engineering crew assigned to the project.

F 57-3 (4) 112 Grass Range-East
Plant Mix Overlay
Contract Let: 6/22/78
Contract Awarded: 6/23/78
Contract Amount: $510,846.15
Work Started: 8/21/78

R. J. Studer & Sons
Billings, Montana
Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 Working Days
Probable Compl. Date: 6/1/79
Effective Opening Date: Does Not Apply

Progress during the past reporting period has been good. Swan and Sons - Seeding Subcontractor began work on 11/1/78 with completion of seeding items on 11/3/78. The contractor completed work on 11/3/78 with the exception of the seal coat and related items which will be applied in the spring. The project as a whole is 87% complete with 84% of the contract time elapsed. The project is now on winter shutdown. A four man engineering crew is assigned to the project and are working on the Final.

RRP 4139 (55) Railroad Crossing
Pavement Markings-Statewide
Length: N/A
Railroad Crossing-Pavement Markings
Statewide
Contract Awarded: 5/31/78
Contract Amount: $382,865.10
Work Started: 8/8/78

Pacemaker Industries, Inc.
Spokane, Washington
Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 90 Working Days
Completion Date: 10/17/78

All work was completed on this portion of the contract as of October 17, 1978. Field notes for Final Quantities were checked and all Field Notes and Final Supporting Data was submitted to the Lewistown Division Engineering Officer November 2, 1978. Final Estimate and Supporting Data will be submitted to Helena November 17, 1978. This will be the last entry for this project.

F TQF 57-4 (3)130 Winnett-East & West
Grade, Aggregate Surf., Plant Mix
Bituminous Surfacing
Length: 6.7 Miles
Contract Let: 8/24/78
Contract Awarded: 8/25/78
Contract Amount: $1,738,387.16
Work Started: 9/25/78

Earth Builders, Inc.
Bismarck, North Dakota
Carl W. Park
Field Project Manager
Winnett, Montana
Telephone: 429-6611
Contract Time: 180 Working Days
Probable Compl. Date 11/15/79
Effective Opening Date:

Progress the past reporting period has been good. 78,000 cu. yds. of Unclassified Excavation were moved making a total to date of 200,000 cu. yds. or 33% complete. Small drainage structures are 35% complete. Gravel crusher and supporting units are setting up in the B.L.M. gravel pit located 1½ miles North of survey Sta. 38+00. Contractor has been working five 9 hour shifts per week with 17 to 24 men employed. No grading work has been accomplished since 11/8/78, contractor advises they plan no further field construction work until next spring. Five Hundred rods of Farm Fence were built, for a total of 3,500 rods to date or 88% complete. Subcontractor, Swan & Sons, Inc., worked nine 8 hour shifts with four to six men employed. The project as a whole is 16% complete with 18% of the contract working days expended. Construction layout is 95% complete with a seven man engineering crew assigned for project inspection and supervision.

Respectfully submitted,

R.W. Freeman, P.E., Supervisor
Division Construction Section

RWF:JHP:den

cc: Field Project Managers
Design Section
File

RRP 4139(55)
Statewide Railroad Crossing
Pavement Markings & Signs
Contract Awarded 5/31/78
Amount of Contract $382,865.10
Proceed Order Dated June 21, 1978
Work Started July 17, 1978

Pacemaker Industries
Spokane, Washington
R. E. Ewing, Construction Inspector
Helena, MT
Telephone 449-2488
Contract Time: 90 Days

The plastic pavement markings and the W10-1 advance railroad warning signs are complete in all divisions. The flasher for the Foys Lake crossing at Kalispell is to be completed the week of November 20 to November 24, 1978, which will make this project 100% complete. The project as a whole is 99% complete with 67% of the contract time elapsed.

Robert E. Ewing
Construction Inspector

SRS 4148(50) U-2
Procurement & Statewide Delivery of
Hospital Access Signing Materials
Contract Awarded: October 4, 1978
Amount of Contract: $25,543.76
Proceed Date: October 25, 1978

Western Sign Corporation
Great Falls, Montana
Bob Crants, Construction Inspector
Phone No. 449-2488
Contract Time: 90 Calendar Days
Work Began: October 18, 1978

The contractor has delivered the sign posts and mounting hardware to various Highway Divisions and is currently screening legends onto sign panels. It is anticipated this will be complete about January 31, 1979.

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION
NOVEMBER 9, 1978

MONTHLY PROGRESS REPORT

DIRECT FEDERAL CONSTRUCTION

MONTANA

November 9, 1978

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
NRA 1(4)	Big Horn Canyon Ntl Recreation Area " " " " " "	1.793	Grading, Surfacing Bridge	47%	46%	Sletten Const. Co. $1,643,416.65
FLH 7-1(2)	Thompson Pass	12.069	Grading, Surfacing Bridge	24%	25%	Wickens Bros. $2,652,354.00
FH 59-2(6) & F-TQF 28-2(3)68	Beartooth Highway	5.119	Grading, Surfacing Bridge	5% Time Started 10/11/78	0% Spring 1980	Hilde Const. Co. $2,794,257.50
OMAD 18-1	Minuteman Missile Roads	51.800	Gravel Surfacing	40%	10% 1/10/79	Wickens Bros. $642,940.00
FDR-4724, 25, 26	Miller Creek	13.644	Grading, Aggregate Surfacing	55%	38% Oct 79	L. M. Johnson Inc. $1,579,018.50